



Commonwealth of Virginia
Virginia Information Technologies Agency

DATA SATELLITE EQUIPMENT, ANTENNAS, ACCESSORY ITEMS AND SERVICES

Mandatory Use Contract for COV Agencies & Institutions

Date: September 26, 2005

Contract #: VA-031125-GRCO

Authorized User: State Agencies, Institutions, and other Public Bodies
as defined in the VPPA

Contractor: Ground Control
720 AeroVista Pl.
San Luis Obispo, CA 93401

FIN: 01-0697185

Contact Person: Daniel Brace
805-783-4609
Email: d.brace@groundcontrol.com

FOB: Destination

Term: November 26, 2005 - November 25, 2006

Payment: Net 30 days

For Additional Information, Please Contact:

Virginia Information Technologies Agency
Supply Chain Management

Joe Parr
Senior Technology Procurement Engineer
Phone: 804-371-5991
E-Mail: joe.parr@vita.virginia.gov

Doug Leslie
Technology Procurement Engineer
804-371-5213
E-Mail: doug.leslie@vita.virginia.gov

Fax: 804-371-5969

NOTES: Individual Commonwealth of Virginia employees are not authorized to purchase equipment or services for their personal use from this Contract.

For updates, please visit our Website at <http://www.vita.virginia.gov/procurement/contracts.cfm>

VIRGINIA INFORMATION TECHNOLOGIES AGENCY (VITA): Prior review and approval by VITA for purchases in excess of \$100,000.00 is required for State Agencies and Institutions only.

CONTRACT # VA-031125-GRCO
CONTRACT CHANGE LOG

[illegible]

**MODIFICATION #1
TO
CONTRACT NUMBER VA-031125-GRCO
BETWEEN THE
COMMONWEALTH OF VIRGINIA
AND
GROUND CONTROL**

This MODIFICATION #1 is an agreement between the Commonwealth of Virginia, hereinafter referred to as "State" or "Commonwealth" or "VITA" (Virginia Information Technologies Agency), and GROUND CONTROL, hereinafter referred to as "Contractor" relating to the modification of the above contract. This Modification #1 is hereby incorporated into and made an integral part of Contract VA-031125-GRCO.

Reference: Page 6 of 13, paragraph O, entitled "Contract Term":

Both of the above referenced parties hereby agree to extend the term of Contract VA-031125-GRCO as specified in the above reference, from November 26, 2005 through November 25, 2006.

The foregoing is the complete and final expression of the parties' agreement to modify Contract VA-031125-GRCO and cannot be modified, except by a writing signed by duly authorized representatives of both parties.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

PERSONS SIGNING THIS CONTRACT ARE AUTHORIZED REPRESENTATIVES OF EACH PARTY TO THIS CONTRACT AND ACKNOWLEDGE THAT EACH PARTY AGREES TO BE BOUND BY THE TERMS AND CONDITIONS OF THE CONTRACT.

GROUND CONTROL

BY: 

NAME: Tony Coles

TITLE: Pres i CEO

DATE: 9/20/05

COMMONWEALTH OF VIRGINIA

BY: 

NAME: Joe A. Parr

TITLE: Tech Contracts Manager

DATE: 9/26/05



COMMONWEALTH of VIRGINIA
Virginia Information Technologies Agency
Supply Chain Management
110 S. 7th Street, Suite L100
Richmond, Va. 23219-3900

Cheryl Clark
Deputy Chief Information Officer
Email: cheryl.clark@vita.virginia.gov

LaVerne Branch
Acquisitions Project Manager
Phone: (804) 371-5992
Fax: (804) 371-5969
Email: lbranch@dit.state.va.us

November 25, 2003

Ground Control
Mary Slagle, Enterprise Sales Manager
720 Aerovista
San Luis Obispo, CA

Subject: IFB No. 2003-060 Dated September 11, 2003 for Data Satellite Equipment

Dear Ms. Slagle:

In accordance with the terms and conditions of the solicitation referenced above, your bid received by the October 2, 2003 due date, is accepted and is implemented to establish a statewide, firm fixed price, term contract for authorized users of the Commonwealth of Virginia, as follows:

CONTRACT No. VA-031125-GRCO

EFFECTIVE: November 26, 2003 thru November 26, 2005
With three (3) successive, one-year renewal options

COMMODITY: Data Satellite Equipment, Antennas, Accessory Items, and Services

1. DataStorm Mobil Unit with Gateway 4020

Model # IG-2500 and IG-1500 SA	\$ 3,650.00
Installation	\$ 1,000.00
Annual On-Site Manintenance	n/chg.
TOTAL	\$ 4,650.00

2. DirectWay DW4000 Fixed System (Broadcast Station Pkg.)

Model # IG-1000	\$ 599.00
Installation	\$ 500.00
Annual On-Site Manintenance	n/chg.
TOTAL	\$ 1,099.00

AN EQUAL OPPORTUNITY EMPLOYER

3. DirectWay DW4000 Fixed System (Receiver Pkg.)

Model # IG-1000	\$ 599.00
Installation	\$ 500.00
Annual On-Site Maintenance	n/chg.
TOTAL	\$ 1,099.00

4. Satellite Service

Monthly Satellite Flat Rate Service	\$ 109.00
Dynamical IP Address	\$ 109.00
Static IP Address	\$ 109.00
Any Setup Fee	n/chg.

I want to thank you for your interest in doing business with the Commonwealth of Virginia.

Sincerely,


LaVerne Branch

VA-031125-GR00

COMMONWEALTH OF VIRGINIA

Virginia Information Technologies Agency

SOLICITATION, OFFER AND AWARD DATA PROCESSING / TELECOMMUNICATIONS				FIN: 010697185	
1. Contract No:	2. IFB No:	3. Date Issued:	Date Due:	4. APR	5. Approval No:
VA-031125-GR00	2003-060	Sep 11, 2003	Oct 2, 2003	229	A-42
For Information Call: David Butler (804) 371-5521					
6. ISSUING OFFICE:			7. SHIP TO:		
Virginia Information Technologies Agency Office of Acquisition Services 110 S. 7th Street, Lobby Floor Richmond, Va. 23219-9300 ATTN: Bid Section			VITA ATTN: Stuart Thacker 110 South 7th Street 1st Floor Richmond, VA 23219-3931		
SOLICITATION					
8. Sealed bid(s) for furnishing the Products and Services set forth in the schedule, will be returned to the Issuing Office identified in block 6 above. Please provide an original and 0 copies. If hand carried, deliver to the ASD receptionist located on the Lobby Floor of the address listed in Block 6. Bids must be received prior to 2:00 p.m. local time Oct 2, 2003.					
CAUTION - LATE OFFERS: See Paragraph 3 of the Solicitation Instructions					
This is an advertised solicitation which consists of (1) the schedule of Products and Services, pages 2 thru 8; (2) the solicitation instructions pages S-1 thru S-3; (3) The Contract Terms and Conditions page C-1 thru C-20; and (4) other provisions, representations, certifications or specifications as are attached or incorporated herein by reference.					
Offers will be publicly opened at: 2:10 p.m. local time Oct 2, 2003, in the ASD Conference Room, 110 South 7th Street, Lobby Floor.					
All offers are subject to the terms and conditions set forth in the above referenced sections of this solicitation.					
Theodora N. Cogbill, C.P.M. Associate Director of Acquisition Services			Signature		
OFFER					
In compliance with the terms and conditions set forth in the solicitation, the undersigned agrees, if this offer is accepted within 90 calendar days from the date of receipt of offers, to furnish any or all items awarded at the prices offered in the schedule, delivered to the address in block 7, within the time specified in the schedule.					
9. CONTRACTOR:			10. BILL TO:		
Company Name: Ground Control Address: 720 Aerovista City, State: San Luis Obispo, CA Signature: Name (Typed): Tony Coles Title: CEO Phone: (805) 783-4609			VITA Attn: Accounts Payable 110 South 7th Street 3rd Floor Richmond, VA 23219-3931		
AWARD					
11. Accepted as to Item Numbers:			12. Amount:	13. Award Date:	
1, 2, 3, 4				11/25/03	
14. Name of Contracting Officer:		15. COMMONWEALTH OF VIRGINIA		PAGES:	
Jeff Davis Contracts Manager		By:		1 of 8	

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NAME OF CONTRACTOR			REQUIRED DELIVERY DATE:	INITIALS	
			(RDD) 60 DAYS ARO		
ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXTEND PRICE
	<p>The Virginia Information Technologies Agency (VITA) desires to establish a statewide firm fixed price term contract with one or more manufacturers to provide, on as needed basis, data satellite equipment antennas, accessory items and service necessary to extend or enhance requested items to "Authorized Users" of the Commonwealth of Virginia.</p> <p>Authorized users are defined as: State Agencies, Institutions and other public bodies including political subdivisions as defined in the Code of Virginia, Section 8.01-385 (3)iii. For the purposes of this solicitation this includes all Virginia counties, cities, towns, boroughs and local school divisions under the authority of the Virginia school boards constituted under Title 22.1 of the Code of Virginia and will be hereinafter referred to as "authorized users". (See Appendix A for the 2 lots of equipment required).</p> <p>NOTES:</p> <p>1. All prices submitted shall include VITA's Industrial Fund Adjustments (IFA).</p> <p>2. Installation will be required on both mobile and fixed satellite equipment. All items requiring installation will be marked with an asterisk on each individual specification and bid sheet in Appendix A.</p>				

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NAME OF CONTRACTOR	REQUIRED DELIVERY DATE:	INITIALS	
	(RDD) 60 DAYS ARO		

1. The Virginia Information Technologies Agency (VITA) desires to establish a statewide firm fixed price term contract with one or more manufacturers/dealers to provide, on an as needed basis, data satellite equipment, accessories, antennas and service for the Commonwealth of Virginia (COV) authorized users. Use of the contract will be mandatory for COV state agencies and institutions and optional for localities and other public bodies.
2. This service must provide broadband Internet satellite service across the United States. Service should be based on either dynamically assigned IP addresses and allow one (1) to thirteen (13) or greater users. The service must provide for satellite latency, ensure encryption and allow the data stream to be used efficiently in a Virtual Private Network (VPN). The service should be ordered and billed directly to using agencies at a fixed flat monthly rate without usage charges. Equipment must be made available via eVA using credit cards for payment.
3. The Commonwealth reserves the right to authorize exceptions for the use of the mandatory contract on a case by case basis and to conduct separate procurements whenever it is deemed to be in the best interest of the COV.
4. SPECIFICATIONS:
 - a. Equipment, antennas and accessories: This IFB includes mobile and fixed data satellite equipment.

Bids will be accepted from Manufacturers or authorized resellers. Purchases from the resulting contract(s) of this IFB will be for initial start up and complete replacement of existing equipment or any additions/replacements to same during the contract period and for complete replacement of existing equipment.
 - b. All products furnished shall be new and in current production. New satellite products released during the term of this contract shall be offered at the same price awarded for that brand.
 - c. When requested by the ordering entity on the purchase order, equipment purchased shall be installed by the contractor at the installation price bid not later than 60 days after request as mutually agreed upon by the vendor and authorized user. Product demonstrations, when requested, shall be provided at no additional cost.
5. An award, if made, will be made to a maximum of the three (3) lowest responsive and responsible bidders and evaluated on the first year total cost including equipment, installation, set-up and technical support for all items listed for each individual lot.
6. In order to be considered for selection, Bidders may bid on one or more lots, but must submit product literature for each brand offered.

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<p>7. This is to be a Virginia Information Technologies Agency (VITA) contract. The term of the contract will be for a period of two (2) years and the Commonwealth reserves the right to renew the contract for three (3) additional twelve (12) month periods at its sole discretion. The Commonwealth will notify the contractor at least thirty (30) days prior to expiration of the current term of its intent to renew the contract for additional periods.</p> <p>8. Delays in award, beyond the anticipated starting date, may result in a change in the contract period indicated in the solicitation. If this situation occurs, the Commonwealth reserves the right to award a contract covering a period equal to or less than the initial term indicated in this solicitation.</p> <p>9. The Commonwealth reserves the right to request any bidder to submit information missing from its bid, to clarify its bid, and to submit additional information which the Commonwealth deems necessary to evaluate the bidders offer.</p> <p>10. Bidders shall clearly and specifically identify the product(s) being offered and enclose the complete and detailed descriptive literature, catalog cuts and specifications with the bid to enable the Commonwealth to determine if the product(s) offered meets the requirements of the solicitation. FAILURE TO DO SO MAY CAUSE THE BID TO BE CONSIDERED NON-RESPONSIVE.</p> <p>11. The Bidder shall provide with each piece of equipment an operations and maintenance manual with wiring diagrams, parts list, and a copy of all warranties.</p> <p>12. Contractor will provide on-site warranty/maintenance for a period of one year or the manufacturer's warranty length, whichever is greater. Warranty shall begin on date of acceptance by the user. For items that must be repaired on-site, the vendor guarantees that the user will not be out of service for more than twenty-four (24) hours. Contractor shall provide on-site warranty response within four (4) hours after notification by an authorized user that a failure has occurred. The Contractor may replace, repair or loan the end-user similar equipment to meet this requirement. Contractor shall provide on-site warranty during the Principal Period of Maintenance (PPM), 8:00 a.m. to 5:00 p.m., Monday through Friday, State holidays excluded.</p> <p>13. Bidders shall provide in their response to this solicitation, contact information (names, mailing addresses, telephone numbers, e-mail addresses) of support staff for orders, technical questions/information, inventory availability, etc..</p> <p>14. The contractor shall provide necessary preventive maintenance, required testing and inspection, calibration and/or other work necessary to maintain the equipment in operational condition during the warranty period.</p>			

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NAME OF CONTRACTOR		REQUIRED DELIVERY DATE: (RDD) 60 DAYS ARO	INITIALS
<p>15. Contractor and/or service facilities shall grant permission for a representative of the Commonwealth to inspect their facilities at any time during normal business hours both prior to and after award.</p> <p>16. Delivery of all requested contract items shall be made within 60 calendar days after receipt of a valid purchase order referencing any contract awarded as a result of this solicitation/contract. Contractor shall carry an adequate stock of equipment to insure such delivery for the duration of the contract.</p> <p>17. Except when otherwise specified herein, all items shall be F.O.B. delivered at any point within the Commonwealth of Virginia as directed by the ordering authorized user.</p> <p>18. If bidding on an item that includes service and installation, each Bidder shall indicate their service providers and local Virginia representative(s). These service providers must provide warranty backup and daily routine maintenance. Service providers must be capable of "system" maintenance as well as hardware maintenance.</p> <p>Service providers must be backed by the manufacturer with a complete line of parts. All parts used in the repair of satellite equipment furnished under this contract must be the exact replacement part specified and supplied by the manufacturer. Any exception necessary because of part unavailability or other unusual situation must have prior approval of the VITA communications engineer in the case of COV state agencies and institutions or the purchaser in the case of other authorized users.</p> <p>Each Bidder must demonstrate, when requested, to the Commonwealth of Virginia that their service personnel are being consistently trained in the function and maintenance of all new products as well as standard products by providing updates of personnel certification on these products.</p> <p>19. The successful Bidder shall provide each ordering agency an instruction/maintenance manual for each type of equipment including accessories provided. Manuals for equipment purchased by political subdivisions shall be sent directly to the address furnished by them.</p> <p>20. Any bid in response to this solicitation shall be valid for 90 days. At the end of the 90 days the bid may be withdrawn at the written request of the Bidder. If the bid is not withdrawn at that time it remains in effect until an award is made or the solicitation is cancelled.</p> <p>21. The purchasing agency reserves the right to cancel and terminate any resulting contract, in part or in whole, without penalty, upon 60 day written notice to the Contractor. Any contract cancellation notice shall not relieve the Contractor of the obligation to deliver and/or perform on all outstanding orders issued prior to the effective date of cancellation. Cancellation of Purchase Orders shall be made in accordance with paragraph 7.15 of the Vendors Manual.</p>			

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22. By signing this solicitation, the offeror accepts VITA's Industrial Fund Adjustment (IFA) provisions, to include the Contractor's Report of Sale, as stated in the attached Terms and Conditions.

23. By signing this solicitation, the offeror agrees that the invoice price to the Commonwealth for any contract item shall be the best price available which includes the IFA to any authorized user located in the Commonwealth of Virginia for the duration of the contract. In the event that, during the term of the contract the offeror has delivered the products or services proposed at a lower cost, the Commonwealth will be entitled to the lump sum difference in pricing for all products or services purchased from the date of the infraction.

24. Price adjustments may be permitted only for changes in the Contractor's cost of materials. No price increases will be authorized for 365 calendar days after the effective date of each contract. Price escalation may be permitted only at the end of this period and each 180 days thereafter and only where verified to the satisfaction of the Contracts Manager, VITA. However, "across the board price decreases are subject to implementation at any time and shall be immediately conveyed to the Commonwealth.

25. ORDERS: Applicable departments, institutions, agencies and other authorized users of the Commonwealth MAY order by one of the following methods:

- a. Issuing Agency Purchase Orders.
- b. Verbal order (for orders valued under \$2,000): Local control number must be provided by the authorized user's ordering official which must also appear on the invoice.
- c. Charge card: An ordering and payment process under contract with American Express (AMEX). Each order must not exceed \$5,000 - payment will be made to contractor by AMEX within three business days. Equipment must be made available via eVA using credit cards for payment.
- d. A delivery order issued by the of Acquisition Services Directorate, VITA.

26. SPECIAL OR EDUCATIONAL DISCOUNTS:

- a. During the contract period, if the Contractor offers promotional discounts as a general practice or offers educational discounts to schools and institutions of higher education for items under this contract, with the result that those prices are lower than the prices available under this contract, then the promotional discounts shall be made available to schools and institutions of higher education eligible to place orders against this contract.
- b. The effective date for price changes/discounts will be the date that the lower prices/discounts are made available to the Contractor's customers generally or to schools and institutions of higher education as applicable.

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NAME OF CONTRACTOR		REQUIRED DELIVERY DATE: (RDD) 60 DAYS ARO	INITIALS
<p>Paragraph #26 Continued:</p> <p>c. If the Contractor does not sell to purchasers eligible to place orders against this state contract at the lower prices/discounts required by sub-paragraph a. above, it shall owe a rebate to each affected purchaser which is equal to the amount of the overcharge. Said rebate shall be made within 30 days after the purchaser requests the rebate whichever comes first.</p> <p>27. Minimum orders will be \$100.00 for F.O.B. delivery to ordering agencies within the Commonwealth of Virginia. For orders of less than \$100.00, the Contractor will be permitted to add actual transportation cost (pre-paid) to the invoice for payment, or the agency may purchase such order off contract from other sources. Partial shipments of less than the minimum order value which are made at the option of the Contractor shall be made F.O.B. Destination with no transportation charges added. If at the agency's request shipments are below the minimum order value, the Contractor may add actual transportation cost to invoice for payment.</p> <p>28. The bid price shall be for complete installation ready for the Commonwealth's use, and shall include all applicable freight and installation charges and the IFA. Extra charges will NOT be allowed.</p> <p>29. By responding, the Bidder agrees that the products and services are to be provided solely under the Contractual terms and conditions attached to this solicitation and the provisions as delineated in this solicitation document. Any terms and conditions, clarifications and/or additions thereof contained in the bid will not apply to any transaction under the contract and may render the vendor's bid non-responsive.</p> <p>30. Any questions concerning this solicitation must be submitted, in writing, to the attention of Dave Butler at the address listed in Block #6, page 1 of this solicitation no later than September 25, 2003. Please mark the outside of your envelope "QUESTIONS CONCERNING IFB #2003-060". Written questions may be submitted via e-mail to dave.butler@vita.virginia.gov, or via facsimile to (804) 371-5969. No response will be furnished to telephone calls.</p> <p>31. The Office of Acquisition Services, VITA, maintains a web site with a URL of www.oas.virginia.gov. This web site provides information about OAS and acquisitions conducted by OAS for Information Technology related items. Vendors are invited to check this site regularly.</p> <p>32. Results of this solicitation will not be given out by telephone. Vendors wishing a copy of the bid results must include a self-addressed, stamped envelope along with their bid. The envelope should be marked with the words "BID RESULTS" and the "IFB #2003-060". Awards will also be posted to the OAS web site www.oas.virginia.gov</p>			

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<p>33. Bidder's attention is directed to Section 2.B, page S-1, of the Solicitation Instructions concerning the requirement for Federal Identification Numbers (FIN) to be placed on page 1 of the Invitation for Bids. Please place this number in the space provided on page 1. PLEASE NOTE THAT FAILURE TO PROVIDE THIS NUMBER MAY RESULT IN OUR INABILITY TO VERIFY YOUR REGISTRATION AND YOUR BID BEING RULED NON-RESPONSIVE.</p> <p>34. All vendors are reminded to sign and return Attachment "A" to IFB 2003-060 Certification Regarding Lobbying.</p> <p>35. Offerors must be registered with the Electronic Virginia procurement solution (eVA) prior to award. Bidders who are not registered with eVA will not be eligible for award. To register, visit: http://www.eva.state.va.us</p>			

SOLICITATION INSTRUCTIONS

REV. 09/09/04

1. EXPLANATION TO VENDORS

Any explanation desired by a vendor regarding this solicitation/invitation for bid must be requested in writing and with sufficient time allowed for a reply to reach the vendor before the submission of their bids. PRIOR TO SUBMISSION OF A BID, VENDORS ARE REQUIRED TO READ THESE INSTRUCTIONS, REVIEW THE SCHEDULE, READ ALL TERMS AND CONDITIONS AND CHECK THE ACQUISITION SERVICE DIVISION'S (ASD'S) WEB PAGE AT ([HTTP://ASD.STATE.VA.US](http://ASD.STATE.VA.US)) FOR ANY AMENDMENTS OR CHANGES. THIS SOLICITATION IS SUBJECT TO THE PROVISIONS OF THE COMMONWEALTH OF VIRGINIA VENDOR'S MANUAL WHICH WAS REVISED IN DECEMBER 1998 AND ANY REVISIONS THERETO, WHICH ARE HEREBY INCORPORATED INTO THIS CONTRACT IN THEIR ENTIRETY. A copy of the manual is available for review at the purchasing office, and can be obtained by calling the Division of Purchases and Supply (804) 786-3842, or by accessing the Department of General Services (DGS), Division of Purchases and Supply (DPS) Internet Home Page (www.dgs.state.va.us/dps). Any interpretation required by the State will be in the form of an amendment to the solicitation; SEE PARAGRAPH 11 BELOW. Oral explanations or instructions given before the award of the contract will not be binding. In any conflict arising between this solicitation and the Vendors' Manual, this solicitation shall prevail.

2. PREPARATION OF SOLICITATION

- A. Bids shall be submitted on the forms furnished, and must bear an original signature by an individual authorized to bind the company submitting the bid. If erasures or other changes appear on the form, each erasure or change must be initialed by the person signing the bid. Telegraphic or facsimile bids will not be considered. Vendors may not submit multiple bids in a single envelope.
- B. Vendors are required to enter their Federal Identification Number [FIN] in the upper right hand corner on Page 1, VITA Form 62. This number must correspond with the FIN number shown on Page 1 of the VITA Vendor Application For Registration Form submitted by a principal or officer of the firm submitting the bid. Failure to enter a number in the space provided or to provide a correct FIN number may delay award or result in VITA determining that the vendor is not registered to conduct business with VITA. It is the vendor's responsibility to provide the correct FIN number and to keep VITA updated as to any changes in vendor's status.
- C. The bid form may provide for submission of a price or prices for one or more items. All prices shall be entered in the schedule; VITA Form 62A or 62B. Where the bid form explicitly requires that the vendor bid on all items (e.g., an all or none requirement), failure to do so will disqualify the bid. When submission of a price on all items is not required, vendor should insert the words "no bid" in the space provided for any item on which no price is submitted.
- D. Additional bids may be submitted, when in the vendor's judgment they can provide more than one solution which meets the required specifications of the procurement. Additional bids shall be submitted on either a duplicate copy of the bid document or on plain paper and shall be clearly identified with the words "ADDITIONAL BID" written or printed on the face of each additional bid. Additional bids shall not be considered unless detailed specifications or descriptions sufficient to establish quality, utility and merit accompany the bid.

VENDORS SUBMITTING ADDITIONAL BIDS ARE REMINDED THAT THE TERMS AND CONDITIONS WHICH APPLY TO THE ORIGINAL BID SHALL ALSO APPLY TO THE ADDITIONAL BID AND ANY MODIFICATION TO TERMS AND CONDITIONS OF A SOLICITATION OR THE ADDITION OF RESTRICTIVE PROVISIONS BY A BIDDER SHALL BE CAUSE FOR REJECTION OF THE BID.

- E. Modification of bids already submitted will be considered if received at the office designated in the invitation for bids before the time set for opening of bids.

3. SUBMISSION OF BIDS

TO BE CONSIDERED, THE BID MUST BE RECEIVED AT THE ADDRESS GIVEN IN BLOCK #6 OF THE SOLICITATION ON OR BEFORE THE DATE AND HOUR DESIGNATED. Vendors must pay particular attention to ensure that the bid is properly addressed. The State is not responsible if the bid is not properly addressed. The State is not responsible if the bid does not reach the destination specified by the date and time identified in block #8 page 1 of the Bid. Sealed bids received after the date and hour identified in block #8 are automatically disqualified, and will not be considered. All bids must be sealed, marked and addressed, to the address shown in block #6 of the Solicitation, and marked on the outside of the vendor's envelope as in the example below. Failure to do so may result in a premature opening of, or a failure to open, the bid.

From: Name of Vendor
 Street or Box Number
 City, State, Zip Code
 Due Date Time
 IFB No.

4. SPECIFICATIONS AND USE OF BRAND NAMES

Unless otherwise provided in the solicitation, the name of a certain brand, make or manufacturer does not restrict bids to the specific brand, make or manufacturer named. Any item which the State at its sole discretion determines to be the equal of that specified as defined in the Schedule, will be accepted. The award will be made to the lowest responsive and responsible bidder or offeror offering the functional equivalent to the brand name described in the specification. Thus, equivalent products of other manufacturers will be considered only if proof of equivalency is contained in or accompanies the bid.

5. LATE BIDS, MODIFICATIONS OF BIDS OR WITHDRAWALS OF BIDS

- A. Any bids received at the office designated in block #6 of the Solicitation after the exact time specified for receipt will not be considered for award. (See Paragraph 4.10 of the Vendor's Manual for further discussion.)
- B. A bid may be amended and/or withdrawn by a vendor if the office issuing the bid receives the request in writing before the date and hour set forth in the bid form. The request must be signed by a person authorized to represent the person or firm that submitted the bid. Submission of a subsequent bid shall normally constitute the withdrawal of any prior bid submitted by the same bidder or offeror on the same IFB.

6. PUBLIC OPENING OF BIDS

Bids will be publicly opened at the time and date specified on page 1 of the Solicitation document. The content of these solicitations will be made public in accordance with Paragraphs 1.9 and 2.4 of the Vendor's Manual. Bids will not normally be evaluated at the bid opening meeting. All bids will be opened at the location shown on page 1 of the solicitation.

7. SOLICITATION TERMS AND CONDITIONS

The terms and conditions contained in this solicitation are considered mandatory and are the only terms and conditions governing transactions under any contract awarded as a result of this solicitation.

If the vendor includes additional terms and conditions on pre-printed marketing sheets, pre-printed catalogues, or other pre-printed materials, then it is understood that those terms and conditions are of no consequence to any resulting contract.

Any other modification, addition, clarification, or change to the mandatory terms and conditions by the vendor shall cause the bid to be rejected.

8. AWARD OF CONTRACT

Bids shall be evaluated and the responsive and responsible bidder offering the lowest price will be awarded the Contract. The State reserves the right to reject any and all bids in whole or in part and to waive any informality in the bids.

9. AWARD NOTICES

Upon the completion of evaluation, the State will either post a NOTICE OF AWARD (NOA) or a NOTICE OF INTENT TO AWARD (NOITA). If a NOITA is used, the notice will be publicly posted ten days prior to the actual award date of the contract. All award notices will be posted on ASD's Web Page ([HTTP://ASD.STATE.VA.US](http://ASD.STATE.VA.US)) and posted in ASD's lobby in written format.

A NOTICE OF INTENT TO AWARD OR A NOTICE OF AWARD will be mailed to any bidder submitting a self-addressed, stamped envelope with their bid.

NOTICES OF INTENT TO AWARD OR NOTICES OF AWARD will be posted in accordance with paragraph 6.3 of the Vendor's Manual.

TELEPHONIC REQUESTS FOR BID RESULTS WILL NOT BE HONORED.

10. FAILURE TO DELIVER

Failure to comply with the terms and conditions of the IFB or to deliver equipment, software or services identified in the solicitation at the price quoted may result in cancellation or rescission of the award/contract by the Commonwealth and may subject the Contractor to removal from VITA's Vendor Registration file and ruled ineligible to participate in VITA's (and other agencies and institutions information technology) procurements for a period of 12 months.

11. AMENDMENT OF SOLICITATION

Any amendment or change to this solicitation will be issued in writing and will identify the changes to be made in the bid. All amendments will be posted to the ASD's Web page at (<http://asd.state.va.us>) and posted in ASD's lobby in written format.

If the bid opening date is extended the new date and time will be clearly shown on the face of the amendment.

Bidders will be required to sign and return a copy of the amendment with their bid to indicate that they have received the document and are aware of the changes made.

12. ANTI-COLLUSION CERTIFICATION

By Bidder's signature on the face of this bid, Bidder certifies that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same equipment, software, or services, and is in all respects fair and without collusion or fraud. Vendor understands collusive bidding is a violation of the Virginia Governmental Frauds Act and Federal Law and can result in fines, prison sentences, and civil damage awards. Bidder agrees to abide by all conditions of this bid and certifies that he or she is authorized to sign this bid for the bidder's firm.

13. DEMONSTRATIONS

The State reserves the right to require the Bidder to demonstrate to the satisfaction of the State, that the products offered will perform in a completely acceptable manner and to meet or exceed the specifications referenced in the solicitation. The demonstration site and time is subject to agreement between the State and Bidder. A Bidder refusing to demonstrate his products bid after determination that he is the apparent low responsive and responsible bidder may be removed from VITA's vendor registration file and ruled ineligible to participate in VITA's (and other agencies and institutions information technology) procurements for a period of 12 months.

14. PROTESTS OF AWARDS

All protests of awards shall be conducted in accordance with Chapter 9 of the Vendors Manual.

15. VENDOR REGISTRATION

AN AWARD WILL NOT BE MADE TO ANY BIDDER NOT REGISTERED WITH THE VIRGINIA INFORMATION TECHNOLOGIES AGENCY (VITA). A completed registration form must be on file or received by VITA (Acquisition Services Division) not later than the award date. Call (804) 371-5900 to request a registration form.

16. CONTRACT

Any contract which is awarded as a result of this solicitation, offer and award shall be between VITA and the Contractor. No other agency, institution or public body may negotiate in any way with the vendor concerning the items identified in the schedule or any terms and conditions of the contract. All problems associated with the resulting contract shall be brought to the attention of the Contracts Manager, VITA.

Specifications - Any comments or questions concerning the specifications, terms and conditions or any note contained in this solicitation shall be submitted, in writing to the issuing office (See Block #6 VITA Form #62) at least ten (10) days prior to the closing date.

17. TRADE SECRETS OR PROPRIETARY INFORMATION

Trade secrets or proprietary information submitted by a bidder in connection with a procurement transaction shall not be subject to public disclosure under the Virginia Freedom of Information Act; however, the bidder must invoke the protections of Code of Virginia, Section 2.2-4342, prior to or upon submission of the data or other materials, and must identify the data or other materials to be protected and state the reason why protection is necessary. The proprietary or trade secret material submitted must be identified by some distinct method such as highlighting or underlining and must indicate only the specific words, figures, or paragraphs that constitute trade secret or proprietary information. The classification of an entire bid document, line item prices and/or total bid prices as proprietary or trade secrets is not acceptable and will result in rejection of the bid.

**CONTRACTUAL TERMS AND CONDITIONS
INVITATION FOR BID (IFB) #2003-060**

1. SCOPE OF CONTRACT

The following paragraphs contain the Contractual terms and conditions by which the Commonwealth of Virginia, hereinafter referred to as "Commonwealth" or "State" or "VITA" (Virginia Information Technologies Agency), will establish a Master Agreement for data satellite equipment, accessories, antennas and Services from the Contractor identified in block #9, page 1 of the Solicitation, hereinafter referred to as "the Contractor." This Master Agreement may be used by Authorized Users which are defined as State Agencies, Institutions and other public bodies including political subdivisions as defined in the Code of Virginia, Section 8.01-385 (3) iii, and others as defined herein.

2. APPLICABLE LAWS AND COURTS

This solicitation and any resulting Contract shall be governed in all respects by the laws of the Commonwealth of Virginia and any litigation with respect thereto shall be brought in the courts of the Commonwealth. The Contractor shall comply with all applicable federal, state and local laws, rules and regulations.

3. ANTI-DISCRIMINATION

By submitting their bids, bidders certify to the Commonwealth that they will conform to the provisions of the Federal Civil Rights Act of 1964, as amended, as well as the Virginia Fair Employment Contracting Act of 1975, as amended, where applicable, the Virginians With Disabilities Act, the Americans With Disabilities Act and §2.2-4311 of the Virginia Public Procurement Act. If the award is made to a faith-based organization, the organization shall not discriminate against any recipient of goods, services, or disbursements made pursuant to the Contract on the basis of the recipient's religion, religious belief, refusal to participate in a religious practice, or on the basis of race, age, color, gender or national origin and shall be subject to the same rules as other organizations that Contract with public bodies to account for the use of the funds provided; however, if the faith-based organization segregates public funds into separate accounts, only the accounts and programs funded with public funds shall be subject to audit by the public body. (Code of Virginia, § 2.2-4343.1E).

In every Contract over \$10,000 the provisions in a. and b. below apply:

a. During the performance of this Contract, the Contractor agrees as follows:

1) The Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment, except there is a bona fide occupational qualification reasonably necessary to the normal operation of the Contractor. The Contractor agrees to post in conspicuous places, available to

employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

2) The Contractor, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, will state that such Contractor is an equal opportunity employer.

3) Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for meeting these requirements.

b. The Contractor will include the provisions of 1. above in every subcontract or purchase order over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

4. ETHICS IN PUBLIC CONTRACTING

By submitting their bids, bidders certify that their bids are made without collusion or fraud and that they have not offered or received any kickbacks or inducements from any other bidder, supplier, manufacturer or subcontractor in connection with their bid, and that they have not conferred on any public employee having official responsibility for this procurement transaction any payment, loan, subscription, advance, deposit of money, services or anything of more than nominal value, present or promised, unless consideration of substantially equal or greater value was exchanged.

5. IMMIGRATION REFORM AND CONTROL ACT OF 1986

By submitting their bids, bidders certify that they do not and will not during the performance of this Contract employ illegal alien workers or otherwise violate the provisions of the federal Immigration Reform and Control Act of 1986.

6. DEBARMENT STATUS

By submitting their bids, bidders certify that they are not currently debarred by the Commonwealth of Virginia from submitting bids on Contracts for the type of goods and/or services covered by this solicitation, nor are they an agent of any person or entity that is currently so debarred.

7. ANTITRUST

By entering into a Contract, the Contractor conveys, sells, assigns, and transfers to the Commonwealth of Virginia all rights, title and interest in and to all causes of action it may now have or hereafter acquire under the antitrust laws of the United States and the Commonwealth of Virginia, relating to the particular goods or services purchased or acquired by the Commonwealth of Virginia under said Contract.

8. PAYMENT

a. To Prime Contractor:

- 1) Invoices for items ordered, delivered and accepted shall be submitted by the Contractor directly to the payment address shown on the purchase order/Contract. All invoices shall show the state Contract number and/or purchase order number; social security number (for individual Contractors) or the federal employer identification number (for proprietorships, partnerships, and corporations).
- 2) Any payment terms requiring payment in less than 30 days will be regarded as requiring payment 30 days after invoice or delivery, whichever occurs last. This shall not affect offers of discounts for payment in less than 30 days, however.
- 3) All goods or services provided under this Contract or purchase order, that are to be paid for with public funds, shall be billed by the Contractor at the Contract price, regardless of which public agency is being billed.
- 4) The following shall be deemed to be the date of payment: the date of postmark in all cases where payment is made by mail, or the date of offset when offset proceedings have been instituted as authorized under the Virginia Debt Collection Act.
- 5) **Unreasonable Charges.** Under certain emergency procurements and for most time and material purchases, final job costs cannot be accurately determined at the time orders are placed. In such cases, Contractors should be put on notice that final payment in full is contingent on a determination of reasonableness with respect to all invoiced charges. Charges that appear to be unreasonable will be researched and challenged, and that portion of the invoice held in abeyance until a settlement can be reached. Upon determining that invoiced charges are not reasonable, the Commonwealth shall promptly notify the Contractor, in writing, as to those charges which it considers unreasonable and the basis for the determination. A Contractor may not institute legal action unless a settlement cannot be reached within thirty (30) days of notification. The provisions of this section do not relieve an agency of its prompt payment obligations with respect to those charges that are not in dispute (Code of Virginia, § 2.2-4363).

b. To Subcontractors:

- 1) A Contractor awarded a Contract under this solicitation is hereby obligated:
 - (a) To pay the subcontractor(s) within seven (7) days of the Contractor's receipt of payment from the Commonwealth for the proportionate share of the payment received for work performed by the subcontractor(s) under the Contract; or

(b) To notify the agency and the subcontractor(s), in writing, of the Contractor's intention to withhold payment and the reason.

2) The Contractor is obligated to pay the subcontractor(s) interest at the rate of one percent per month (unless otherwise provided under the terms of the Contract) on all amounts owed by the Contractor that remain unpaid seven (7) days following receipt of payment from the Commonwealth, except for amounts withheld as stated in (2) above. The date of mailing of any payment by U. S. Mail is deemed to be payment to the addressee. These provisions apply to each sub-tier Contractor performing under the primary Contract. A Contractor's obligation to pay an interest charge to a subcontractor may not be construed to be an obligation of the Commonwealth.

9. ASSIGNMENT OF CONTRACT

A Contract shall not be assignable by the Contractor in whole or in part without the written consent of the Commonwealth.

10. MODIFICATIONS

This contract may be modified in accordance with §2.2-4309 of the Code of Virginia. Such modifications may only be made by the representatives authorized to do so. No modifications to this contract shall be effective unless it is in writing and signed by the duly authorized representative of both parties. No term or provision hereof shall be deemed waived and no breach excused unless such waiver or consent to breach is in writing. For purposes of the contract, the only authorized representative for the Commonwealth shall be the individual identified in block #14 of this solicitation or his duly designated alternate, and for the Contractor the person identified in block #9 of the solicitation or his/her duly designated alternate.

11. TAXES

Sales to the Commonwealth of Virginia are normally exempt from State sales tax. State sales and use tax certificates of exemption, Form ST-12, will be issued upon request, and can be obtained online at <http://www.tax.state.va.us/>. Deliveries against this Contract shall usually be free of Federal excise and transportation taxes. The Commonwealth's excise tax exemption registration number is 54-73-0076K.

12. USE OF BRAND NAMES

Unless otherwise provided in this solicitation, the name of a certain brand, make or manufacturer does not restrict bidders to the specific brand, make or manufacturer named, but conveys the general style, type, character, and quality of the article desired. Any article that the public body, in its sole discretion, determines to be the equal of that specified, considering quality, workmanship, economy of operation, and suitability for the purpose intended, shall be accepted. The bidder is responsible to clearly specify and identify the product being offered and to provide sufficient descriptive literature, catalog cuts and technical detail to enable the Commonwealth to determine if the product offered meets the requirements of the solicitation. This is required even if offering the exact brand, make or manufacturer specified.

Normally in competitive sealed bidding only the information furnished with the bid will be considered in the evaluation. Failure to furnish adequate data for evaluation purposes may result in declaring a bid nonresponsive. Unless the bidder clearly indicates in its bid that the product offered is an equal product, such bid will be considered to offer the brand name product referenced in the solicitation.

13. TRANSPORTATION AND PACKAGING

By submitting their bids, all bidders certify and warrant that the price offered for FOB destination includes only the actual freight rate costs at the lowest and best rate and is based upon the actual weight of the goods to be shipped. Except as otherwise specified herein, standard commercial packaging, packing and shipping containers shall be used. All shipping containers shall be legibly marked or labeled on the outside with purchase order number, commodity description, and quantity.

14. INSURANCE

By signing and submitting a bid or proposal under this solicitation, the bidder or offeror certifies that if awarded the Contract, it will have the following insurance coverages at the time the Contract is awarded. For construction Contracts, if any subcontractors are involved, the subcontractor will have workers' compensation insurance in accordance with §§ 2.2-4332 and 65.2-800 et seq. of the Code of Virginia. The bidder or offeror further certifies that the Contractor and any subcontractors will maintain these insurance coverages during the entire term of the Contract and that all insurance coverages will be provided by insurance companies authorized to sell insurance in Virginia by the Virginia State Corporation Commission.

INSURANCE COVERAGES AND LIMITS REQUIRED:

- a. Worker's Compensation - Statutory requirements and benefits.
- b. Employers Liability - \$100,000.
- c. Commercial General Liability - \$500,000 combined single limit. Commercial General Liability is to include Premises/Operations Liability, Products and Completed Operations Coverage, and Independent Contractor's Liability or Owner's and Contractor's Protective Liability. The Commonwealth of Virginia must be named as an additional insured when requiring a Contractor to obtain Commercial General Liability coverage.

15. ANNOUNCEMENT OF AWARD

Upon the award or the announcement of the decision to award a contract over \$30,000, as a result of this solicitation, the purchasing agency will publicly post such notice on the DGS/DPS eVA web site (www.eva.state.va.us) for a minimum of 10 days.

16. DRUG-FREE WORKPLACE

During the performance of this Contract, the Contractor agrees to (i) provide a drug-free workplace for the Contractor's employees; (ii) post in conspicuous places, available to employees and applicants for

employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the Contractor that the Contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

For the purposes of this section, "drug-free workplace" means a site for the performance of work done in connection with a specific Contract awarded to a Contractor, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the Contract.

17. NONDISCRIMINATION OF CONTRACTORS

A bidder, offeror, or Contractor shall not be discriminated against in the solicitation or award of this Contract because of race, religion, color, sex, national origin, age, or disability or against faith-based organizations. If the award of this Contract is made to a faith-based organization and an individual, who applies for or receives goods, services, or disbursements provided pursuant to this Contract objects to the religious character of the faith-based organization from which the individual receives or would receive the goods, services, or disbursements, the public body shall offer the individual, within a reasonable period of time after the date of his objection, access to equivalent goods, services, or disbursements from an alternative provider.

18. eVA BUSINESS-TO-GOVERNMENT VENDOR REGISTRATION

The eVA Internet electronic procurement solution, web site portal www.eva.state.va.us, streamlines and automates government purchasing activities in the Commonwealth. The portal is the gateway for vendors to conduct business with state agencies and public bodies.

All vendors desiring to provide goods and/or services to the Commonwealth shall participate in the eVA Internet e-procurement solution either through the eVA Basic Vendor Registration Service or eVA Premium Vendor Registration Service, and complete the Ariba Commerce Services Network registration.

Vendors are strongly encouraged to register prior to submitting a bid or offer. Failure to register will result in the bid being found non-responsive and rejected. All vendors must register in both the eVA and the Ariba Commerce Services Network Vendor Registration Systems.

- a. eVA Basic Vendor Registration Service: \$25 Annual Fee plus a Transaction Fee of 1% per order received. The maximum transaction fee is \$500 per order. eVA Basic Vendor Registration Service includes electronic order receipt, vendor catalog posting, on-line registration, and electronic bidding, as they become available.

b. eVA Premium Vendor Registration Service: \$200 Annual Fee plus a Transaction Fee of 1% per order received. The maximum transaction fee is \$500 per order. eVA Premium Vendor Registration Service includes all benefits of the eVA Basic Vendor Registration Service plus automatic email or fax notification of solicitations and amendments, and ability to research historical procurement data, as they become available.

c. Ariba Commerce Services Network Registration. The Ariba Commerce Services Network (ACSN) registration is required and provides the tool used to transmit information electronically between state agencies and vendors. There is no additional fee for this service.

eVA BUSINESS-TO-GOVERNMENT CONTRACTS

The eVA Internet electronic procurement solution, web site portal www.eva.state.va.us, streamlines and automates government purchasing activities in the Commonwealth. The portal is the gateway for vendors to conduct business with state agencies and public bodies.

Failure to comply with the requirements in a. and b. below will be just cause for the Commonwealth to reject your bid/offer or terminate this contract for default.

Vendors desiring to provide goods and/or services to the Commonwealth shall participate in the eVA Internet e-procurement solution and agree to comply with the following:

- a. Submit a fully executed American Management Systems, Inc., (AMS) Trading Partner Agreement, a copy of which can be accessed and downloaded from www.eva.state.va.us. AMS is the Commonwealth's service provider to implement and host the eVA e-procurement solution.
- b. Provide an electronic catalog (price list) for items awarded under a term contract. The format of this electronic catalog shall conform to the eVA Catalog Interchange Format (CIF) Specification that can be accessed and downloaded from www.eva.state.va.us.

19. BREACH

The Contractor shall be deemed in breach of this Agreement if the Contractor (a) fails to make any Product or Service ready for acceptance testing by the specified delivery date; (b) repeatedly fails to respond to requests for maintenance or other required service within the time limits set forth in this Agreement; (c) fails to comply with any other term of this Agreement and fails to cure such noncompliance within ten days (or such greater period as is acceptable to the Commonwealth) following Contractor's receipt of a Show Cause Notice identifying such noncompliance; or (d) fails to provide a written response to the Commonwealth's Show Cause Notice within ten days after receiving same.

The Contractor shall not be in breach of this Agreement if its default was due to causes beyond the reasonable control of, and occurred without any fault or negligence on the part of, both the Contractor and its subcontractors. Such causes may include, but are not restricted to, acts of God or of the public enemy, acts of the Commonwealth in either its sovereign or Contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather.

In the event of breach, in addition to any other remedies provided by law, the Commonwealth may cancel its obligations with respect to any or all unaccepted Products or Services. All costs for deinstallation and return of Products shall be borne by the Contractor. In no event shall any failure by the Commonwealth to exercise any remedy available to it be construed as a waiver of or consent to any breach.

20. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS

Any commitment made by the Contractor within the scope of this Contract shall be binding upon Contractor. For the purposes of this Contract, a commitment by the Contractor includes:

- a. Prices and options committed to remain in force over a specified period(s) of time;
- b. Any written warranty or representation made by the Contractor in this solicitation as to hardware or software performance, or other physical design or functional characteristics of that which is offered.

21. INSTALLATION DATES (or SERVICE COMMENCEMENT DATES)

- a. The Contractor shall deliver/install the requested equipment, software, or services ready for use, by the installation date (day, month, year) identified in the Order, but not later than 60 days ARO.
- b. Any amendment by the State to this Contract or any part thereof, may require the establishment of a new mutually agreed to required delivery date. The State may delay the installation date by notifying the Contractor at least ten (10) days before the required installation date.
- c. If the equipment, software or services is not delivered/installed within the time specified in the Order, the State reserves the right to cancel the award of this Contract and/or terminate this Contract for default without further obligation, and award the solicitation to the next responsive and responsible bidder. Contractors are cautioned that failure to deliver/install the proposed equipment as stated in response to a solicitation document may result in removal from VITA's Vendor Registration File as per Section 7.20 of the Division of Purchases and Supply's Vendor's Manual dated December 1998.
- d. Neither the Contractor nor the State shall be responsible for delays resulting from acts beyond the control of each party. These include, but are not limited to, acts of God, riots, acts of war, fire, earthquakes, epidemics, or disasters.

22. RISK OF LOSS OR DAMAGE

The Contractor shall have the risk of loss or damage to all equipment until clear and unrestricted title to such equipment is transferred to the Commonwealth.

23. EQUIPMENT CONDITION

All equipment to be supplied by Contractor shall be new equipment.

24. PATENT/COPYRIGHT PROTECTION

Contractor, at its own expense, shall defend any suit brought against the Commonwealth for the infringement of patents, copyrights or trade secrets enforceable in the United States if the claim of infringement is alleged to relate to or arise from the Contractor's or Commonwealth's use of any equipment, software, materials or information prepared, developed or delivered in connection with performance of this Agreement. In such suit, Contractor shall indemnify the Commonwealth, its agents, officers and employees for any loss, liability or expense incurred as a result of such suit.

The purchasing agency shall notify the Contractor of such suit within a reasonable time after learning of it and shall give the Contractor the full right and opportunity to conduct the defense of the suit, subject however to the requirements of Section 2.2-510 and Section 2.2-514 of the Code of Virginia or any successor statute. If principles of governmental or public law are involved, the Commonwealth may, at its option and expense, participate in the defense of the suit.

The Contractor shall not be required to indemnify the Commonwealth for liability arising solely out of the Commonwealth's own specifications or design or solely from the combination of equipment or software furnished hereunder with any equipment or software not supplied by the Contractor.

If, any Product or Service becomes, or in the Contractor's opinion, is likely to become, the subject of a claim of infringement, Contractor may, at its option, provide noninfringing substitutes that are satisfactory to the Commonwealth, or at Contractor's option and expense, may obtain the right for the Commonwealth to continue the use of such Product or Service.

If the use of such equipment or software by the Commonwealth is prevented by permanent injunction or by Contractor's failure to procure the right for the Commonwealth to continue using the software, the Contractor agrees to take back the infringing equipment, software, materials or information and refund the total amount the Commonwealth has paid Contractor under this Agreement, less one half (1/2%) percent of the total paid for each month of use by the Commonwealth. This obligation is in addition to the obligations cited in the first four subparagraphs above.

25. NON-APPROPRIATION

All funds for payment of equipment, software or services ordered under this Contract are subject to the availability of legislative appropriation for this purpose. In the event of non-appropriation of funds by the Legislature for the items under this Contract, the Commonwealth will terminate this Contract for those goods or services for which funds have not been appropriated. Written notice will be provided to the Contractor as soon as possible after legislative action is completed.

If any purchases are to be supported by federal funding, and such funding is not made available, the Commonwealth may terminate this Contract for goods or services dependent on such federal funds without further obligation.

26. HEADINGS NOT CONTROLLING

Headings used in this Contract are for reference purposes only and shall not be considered to be a substantive part of this Contract.

27. ENTIRE AGREEMENT

This Contract, the solicitation, bid response, solicitation instructions and all equipment and software specifically listed in the Schedule, and the notes in the Schedule constitute the entire agreement between the parties with respect to the subject matter of this Contract. All prior agreements, representations, statements, negotiations and undertakings are hereby superseded with respect to equipment and/or software acquired by the State under the terms and conditions of this Contract.

No other written documents regardless of form or content shall be executed by any agency or institution for equipment acquired under this Contract unless signed by the Contracts Manager, VITA, or his alternate as designated by the Director, VITA.

28. TITLE

Clear and unrestricted title to all equipment purchased under this Agreement shall pass to the Commonwealth upon payment of the purchase price.

29. PRICE PROTECTION/ADJUSTMENTS

The State will not pay any additional costs above those costs provided for in the Schedule identified herein. In no event may the amount of any Contract, without adequate consideration, be increased for any purpose.

30. TERM

The initial Term of this Contract shall be from the date of award and continue for two years to include acceptance, warranty, and one year maintenance. The Commonwealth at its sole discretion may extend the Contract for three additional one year periods. The Commonwealth shall issue a writing identifying any renewal period at least thirty days prior to the renewal period.

31. INVENTIONS AND COPYRIGHTS

The Contractor is prohibited from copyrighting any papers, reports, forms or other materials, and from obtaining any patent on any invention or other discovery resulting solely from its performance under the terms and conditions of this Contract.

32. CONTRACTUAL RECORDS

All Contractual books, records and other documents related to matters under this Contract shall be made available by Contractor to the State and its designated agents for a period of five (5) years after final payment for purposes of audit and examination.

Contractual records are hereby further defined as this Contract and all delivery/purchase orders, invoices or correspondence directly relating to this agreement.

33. LIMITATION OF LIABILITY

To the maximum extent permitted by applicable law, the Contractor's liability under this Contract for loss or damages to government property caused by use of any defective or deficient supplies, products, equipment and/or services delivered under this Contract shall not exceed the greater of \$120,000.00 or twice the amount of money paid to the Contractor under this Contract during the twelve month period preceding the event or circumstance giving rise to such liability. The Contractor will not be liable under this Contract for any indirect, incidental, special or consequential damages, or damages from loss of profits, revenue, data or use of the supplies, equipment and/or services delivered under this Contract. The above limitation of liability is per incident. The limitation and exclusion of damages in the foregoing sentences will not apply, however, to liability arising from: (a) personal injury or death; (b) defect or deficiency caused by willful misconduct or negligence on the part of the Contractor; or (c) circumstances where the Contract expressly provides a right to damages, indemnification or reimbursement.

34. SITE PREPARATION

- a. Equipment environmental specifications, if required, for the equipment to be delivered under this Contract shall be furnished in writing by the Contractor upon award. These specifications shall be in such detail to ensure that the equipment to be installed shall operate efficiently from the point of view of environment.
- b. The State shall prepare the site at its own expense and in accordance with the equipment environmental specifications provided by the Contractor.

35. ACCEPTANCE, TESTING AND COMPLIANCE WITH SPECIFICATIONS

All materials, equipment, software and services are subject to inspection and testing by the State, and any that does not meet or exceed the specifications or other requirements of the Contract may be rejected. The State shall be given thirty (30) days from the completion of installation by the Contractor (or thirty (30) days after delivery if customer installed) to test, evaluate and accept the materials, equipment, software and services delivered or furnished under this Contract (provided that the using agency, in its sole discretion, may accept the same prior to expiration to the thirty (30) day period). If the Contractor's materials, equipment, software or services fail to meet the Contract specifications or other requirements, including the specifications of the brand name (see paragraph 4 of the Solicitation Instructions), or those required by the Contractor's own technical documentation, then the same may be

rejected and returned to the vendor. Such rejection will terminate this Contract and exempt the State from all costs incurred by the Contractor.

Acceptance shall be effective for the purpose of determining title to that which is delivered and for making payment, however, acceptance by the State following testing and evaluation during the thirty (30) day period shall not be conclusive that the materials, equipment, software or services conform in all respects to the Contract specifications and other requirements. In the event that nonconformance therewith is discovered by the State after acceptance, whether due to a latent defect or otherwise, the Contractor shall take whatever action is necessary to conform the materials, equipment, software or services to the Contract specifications and other requirements, including but not limited to modification or replacement of the same. The Contractor's failure to do so shall constitute breach of Contract for which the State may exercise the remedies provided in the section herein entitled "Termination and Cancellation," in addition to and not in lieu of any other remedies available under Virginia law.

36. FIELD MODIFICATIONS AND/OR ENGINEERING CHANGES

Contractor sponsored modifications and/or engineering changes shall be made with the consent of the State at no additional charge for a period of one (1) year from the date of installation. The State reserves the right at all times to schedule these Contractor sponsored modifications and/or changes to minimize the impact on the daily operations of the State.

37. SUPPLIES

Authorized charges do not include operational supplies (e.g. paper, tape, etc.) unless such supplies are specifically identified in the Schedule. All supplies used by the State shall conform to the Contractor's published specifications provided to State at time of equipment installation. The State reserves the right to acquire such supplies from any Contractor of its choice.

38. GUARANTEE (WARRANTY)

Contractor will provide on-site warranty services (labor, parts and travel) for a period of not less than twelve (12) months or such greater period as may be provided in the Schedule, beginning on the date of acceptance, at no cost to the State for all equipment. Contractor shall act as sole point-of-contact for all units repaired under warranty. All warranty services shall be provided during the Principal Period of Maintenance, which is hereby defined as 8 a.m. to 5 p.m. Monday through Friday, State holidays excluded. The Contractor shall respond On-Site to all requests for warranty service within four (4) hours after notification that a failure has occurred. At no time shall the Authorized User be out of service for more than twenty-four consecutive hours. The Contractor may replace, repair or loan the Authorized User the necessary equipment to meet this requirement.

Prior to the expiration of the guarantee period, whenever equipment is shipped for mechanical repair or replacement purposes, the Contractor will bear all costs associated with returning the equipment to the Contractor's repair facility. When repair of the equipment is completed, the Contractor shall bear all costs associated with returning the equipment to the State's original point of shipment. Cost of shipping includes but is not limited to, costs of packing, transportation, rigging, drayage and insurance for damage

or loss. Contractor shall repair the equipment or provide an interim replacement product, within 72 hours of notification that a malfunction exists. Any interim product(s) will be provided at no additional cost to State, until the original product is returned, in good working condition.

All parts used under this agreement must be new parts or refurbished parts certifiable as new. Parts that have been replaced shall become the property of the Contractor.

39. TERMINATION AND CANCELLATION

The Commonwealth shall have the unilateral right to terminate this Contract for Default, in the event that any one or more of the following events of default occur or continue during the term of this agreement, (a) the vendor shall fail to deliver the equipment or services required by this Contract or (b) the vendor shall repeatedly fail to respond to requests for maintenance or other services within the time limits set forth in the Contract or (c) the vendor shall breach any of the other terms set forth within this agreement or (d) the vendor shall fail to cure any breach after receiving a "Show Cause Notice" identifying the failure, and providing the vendor ten (10) days to cure the failure/nonperformance. If the vendor fails to answer the cure notice, or does not correct the deficiencies noted, the State may immediately terminate the agreement for Default.

In such event, the Commonwealth will only be liable for cost incurred to the date of termination. All costs of de-installation and return of the equipment will be the vendor's expense.

The Commonwealth's failure to exercise its right to terminate for default under this provision shall not be construed as a waiver of its right to terminate, rescind or revoke this Contract in the event of any subsequent breach of any provisions of this agreement.

40. FAILURE TO DELIVER

In the event the Contractor fails for any reason to deliver in a timely manner or according to Contract terms the items set forth in the Schedule, the Commonwealth, at its own discretion, may give Contractor oral or written notice of such breach. Once notice by State is sent or given, State may immediately procure the items from another source. Once State has effected a purchase from an alternate source (in accordance with the Virginia Public Procurement Act) the parties agree that the State may charge-back Contractor, in which case Contractor agrees to reimburse State for any difference in cost between the original Contract price and the State's cost to cover from the alternate source. In no event shall State be held to pay Contractor any costs incurred by Contractor, including but not limited to ordering, marketing, manufacturing, or delivering the item(s) which are subject of the State's notice of breach. This remedy is in addition to and not in lieu of any other remedy the Commonwealth may have under this agreement and the laws of the Commonwealth of Virginia.

41. CONTRACTUAL DISPUTES

In accordance with Section 2.2-4363 of the Code of Virginia, Contractual claims, whether for money or other relief, shall be submitted in writing to the purchasing agency no later than sixty (60) days after final payment; however, written notice of the Contractor's intention to file such claim must be given to

such agency at the time of the occurrence or beginning of the work upon which the claim is based. Pendency of claims shall not delay payment of amounts agreed due in the final payment. The purchasing agency shall render a final decision in writing within thirty (30) days after its receipt of the Contractor's written claim.

The Contractor may not invoke any available administrative procedure under Section 2.2-4365 of the Code of Virginia nor institute legal action prior to receipt of the purchasing agency's decision on the claim, unless that agency fails to render its decision within thirty (30) days. The decision of the purchasing agency shall be final and conclusive unless the Contractor, within six (6) months of the date of the final decision on the claim, invokes appropriate action under Section 2.2-4364, Code of Virginia or the administrative procedure authorized by Section 2.2-4365, Code of Virginia.

The Virginia Information Technologies Agency, its officers, agents and employees, including, without limitation, the Contracts Manager, are executing this Agreement and any Orders issued hereunder, solely in its or their statutory and regulatory capacities as agent for the Commonwealth agency purchasing and receiving the goods or services identified in Attachment "A" to this Agreement or on the subsequent Order in question and need not be joined as a party to any dispute that may arise thereunder.

In the event of any breach by the Commonwealth, Contractor's remedies shall be limited to claims for damages and Prompt Payment Act interest and, if available and warranted, equitable relief, all such claims to be processed pursuant to this Section. In no event shall Contractor's remedies include the right to terminate any license or support services hereunder.

42. TITLE (SOFTWARE/FIRMWARE)

For any Software / Firmware delivered under this Contract, the Contractor represents and warrants that it is the sole owner of the software/firmware product or, if not the owner, has received all proper authorizations from the owner to license the software/firmware product, and has the full right and power to grant the rights contained in this Contract. Contractor further warrants and represents that the software/firmware product is of original development, and that the package and its use will not violate or infringe upon any patent, copyright, trade secret or other property right of any other person.

43. TERM OF LICENSE

For any Software / Firmware delivered under this Contract, the licenses granted are purchased on a non-exclusive, irrevocable perpetual license basis and shall commence upon the acceptance of the software Product by the Commonwealth. Notwithstanding the foregoing, the Commonwealth may terminate the license at anytime. All licenses granted to the Commonwealth are for the use of the software Product at the Commonwealth's computing facilities at the sites identified in any executed Attachment or Order referencing this Agreement. This license is perpetual and in no event shall Contractor's remedies for any breach of this Agreement include the right to terminate any license or support services hereunder.

44. WARRANTY SOFTWARE

Contractor warrants the operation of any Software Product identified in this Agreement for a minimum of twelve (12) months (or such longer period as may be agreed to) after installation. Software Products that fail to operate in accordance with the Contractor's Proposal or published specifications will be returned, at Contractor's expense, for replacement. Contractor agrees to replace any non-conforming Software Product within five (5) calendar days after receipt of the returned Software Products. Warranty service shall include, but not necessarily be limited to, detection and correction of errors, updating of all Software Products to operate with all updated or revised versions of the operating systems for which the Software Product is licensed, and provision of enhancements to the Software Product as they are generally made available. Warranty charges shall include unlimited telephonic support and all travel, labor, and documentation necessary to maintain the Products in accordance with Contractor's published specifications.

In addition, the Contractor agrees to provide all patches, fixes, revisions, updates, upgrades and releases to both the software/firmware and applicable documentation, which may be released by the software developer, along with unlimited telephone support for the duration of the warranty period.

45. COMMONWEALTH'S RIGHTS TO COMPUTER SOFTWARE

Notwithstanding anything to the contrary in this Agreement, the Commonwealth shall have:

- a. Unlimited use of the Software Products on the machines for which it is acquired and on any replacement equipment;
- b. Use of such Software Products with a backup system if the system(s) for which it was acquired is for any reason, inoperative or during an emergency, or the performance of engineering changes in features or model;
- c. The right to use such Software Products at any Commonwealth installation to which the machine(s) may be transferred by the Commonwealth;
- d. The right to copy such software for safekeeping or backup purposes;
- e. The right to modify such Software Product or combine it with other programs or material at the Commonwealth's risk; and
- f. The Commonwealth shall have the right to reproduce any and all physical documentation supplied under the terms of this Agreement, provided, however, that such reproduction shall be for the sole use of the Commonwealth and shall be subject to the same restrictions or use and disclosure as are contained elsewhere in this Agreement.

Nothing contained herein shall be construed to restrict or limit the Commonwealth's rights to use any technical data which the Commonwealth may already possess or acquire under proper authorization from other sources.

46. CONFIDENTIALITY

Commonwealth agrees that when the Software Product is proprietary to Contractor and has been developed or acquired at Contractor's expense, that it shall hold and use the Software Product in the

same manner as it would deal with its own confidential information. Commonwealth shall not knowingly divulge, nor knowingly permit any of its employees, agents, or representatives to divulge, any proprietary information with respect to the Software Product, the technology embodied therein, or any other documentation, models, descriptions, forms, instructions or other proprietary information relating thereto, except as specifically authorized by Contractor, in writing, or as may be required by the laws of the Commonwealth of Virginia.

Commonwealth shall take all reasonable steps necessary or appropriate to insure compliance with this Section by the Commonwealth's employees, agents and representatives, including copying reproducible legends and markings on all physical components of the Software Product.

The Commonwealth's obligation under this Section G.3 shall terminate three years after the Commonwealth ceases using the Software Product containing the proprietary information.

47. MAINTENANCE RESPONSIBILITIES

Upon expiration of the On-Site Warranty set forth in paragraph entitled Guarantee (Warranty) the Contractor shall provide one year of On-Site maintenance services provisioned the same as warranty. The Commonwealth may purchase, additional one (1) year periods of on-site maintenance (labor, parts and travel) at the prices identified in the Schedule, and shall keep the equipment and software in good operating condition. Such services shall be provided in accordance with the Contractor's price, set forth in the schedule, for a period of twelve (12) months for the time immediately following warranty. Maintenance increases for additional periods shall be effective on the anniversary date for each succeeding year. All increases will be governed by the CPI-W index entitled "Other Services". The percentage increase shall not exceed the above index's most recent percentage available to the Commonwealth as published by the Bureau of Labor Statistic's, Philadelphia Office. If maintenance prices remain the same or decrease for succeeding years, the State shall be afforded the opportunity to renew the maintenance services at the lowest price available to any other customer.

Maintenance services shall not include electrical work external to the vendor's equipment. It shall not include repair or damage resulting from accident; transportation by the State between State sites; negligence on the part of State personnel; or causes other than ordinary use in the production environment in which the equipment is installed. The Contractor may also provide Return to Vendor Maintenance Services for periods after the On-Site Warranty Services, for the Commonwealth's purchases at the prices contained herein.

48. MAINTENANCE RESPONSE

The Contractor shall provide on-site maintenance service under the same terms as set forth in the paragraph above entitled "GUARANTEE (WARRANTY)" for equipment, with a four (4) hour on-site response time, during the Principal Period of Maintenance (PPM) which is hereby defined as 8 a.m. to 5 p.m. Monday through Friday excluding holidays.

The State may alter the PPM by requesting a change, in writing, thirty (30) days prior to the requested change in the PPM, subject to mutual agreement between the parties.

49. REMEDIAL MAINTENANCE

Remedial Maintenance shall be performed after notification that the equipment is inoperative. The Contractor shall provide the user with a designated point(s) of contact and make arrangements to enable its maintenance personnel to receive such notification.

50. REPAIR PARTS

All parts used under this agreement must be new parts or refurbished parts certifiable as new. Parts, which have been replaced, shall become the property of the Contractor.

51. MALFUNCTION REPORTS

The Contractor shall furnish a signed malfunction report to the user upon completion of each maintenance call. The report will list as a minimum all corrective action taken, parts used, and number of hours required to repair the equipment.

52. MAINTENANCE CONTINUITY

Contractor will provide the required maintenance/software support services as defined in this Contract for a period not to exceed three (3) years after the initial Term. Such services shall be provided in accordance with the Contractor's price, set forth in the schedule, for a period of twelve (12) months. Maintenance increases for additional periods shall be effective on the anniversary date for each succeeding year. All increases will be governed by the CPI-W index entitled "Other Services". The percentage increase shall not exceed the above index's most recent percentage available to the Commonwealth as published by the Bureau of Labor Statistic's, Philadelphia Office. If maintenance prices remain the same or decrease for succeeding years, the State shall be afforded the opportunity to renew the maintenance services at the lowest price available to any other customer.

53. MAINTENANCE RENEWAL

Maintenance under this agreement shall be renewed at the option of the State. The State shall issue a written notification to the Contractor for each twelve (12) month period that maintenance services are required after the initial three (3) year warranty/maintenance period.

54. COMPLIANCE WITH FEDERAL LOBBYING ACT

- a. Contractor shall not, in connection with this Agreement, engage in any activity prohibited by 31 U.S.C.A. Section 1352 (entitled "Limitation on use of appropriated funds to influence certain Federal Contracting and financial transactions") or by the regulations issued from time to time thereunder (together, the "Lobbying Act"), and shall promptly perform all obligations mandated by the Lobbying

Act in connection with this Agreement, including, without limitation, obtaining and delivering to the Commonwealth all necessary certifications and disclosures.

b. Contractor is hereby advised that a significant percentage of the funds used to pay Contractor's invoices under this Agreement may be federal funds. Under no circumstances shall any provision of this Agreement be construed as requiring or requesting the Contractor to influence or attempt to influence any person identified in 31 U.S.C.A. Section 1352 (a) (1) in any matter.

c. A representative of Contractor shall sign the certification attached as Attachment "A" and deliver such certification to the Commonwealth simultaneously with the execution and delivery of this Agreement. Contractor shall have the certification signed by a representative with knowledge of the facts and shall fulfill the promises of undertakings set forth in the certification.

55. CONTRACTOR'S REPORT OF SALES

The Contractor must report the quarterly dollar value, in U.S. dollars and rounded to the nearest whole dollar, of all sales under this Contract by calendar quarter; i.e., January through March, April through June, July through September, and October through December. The dollar value of a sale is the price paid by the user for products and services on a Contract order as recorded by the Contractor. The reported Contract sales value must include the Industrial Funding Adjustment, as delineated in paragraph entitled "Industrial Funding Adjustment". The Contractor shall provide this report in hard copy to the Controller, VITA, and a copy of the report to the Contracts Manager, VITA, both within 30 days after the end of each quarterly reporting period as defined herein. The report must show each individual item and quantities purchased and the purchaser. The report is required to be hard copy. VITA may at a later time, agree to an electronic version of the report, however, in lieu of any express agreement by both parties as to the electronic format, the Commonwealth will only accept a hardcopy version. The Contractor shall define "sale" prior to the first reporting period and then shall maintain that definition through out the term of this Agreement. Sale may be defined as; 1) when the Commonwealth pays the purchase price, or 2) when the Commonwealth accepts the Products or 3) other as defined by the Contractor.

56. INDUSTRIAL FUNDING ADJUSTMENT

The Contractor must pay VITA, an Industrial Funding Adjustment (IFA). The Contractor must remit the IFA within 30 days after the end of each quarterly reporting period as established in the clause entitled "Contractor's Report of Sales". The IFA equals two percent (2%) of the total quarterly sales reported. Contractor shall remit the IFA together with a copy of the Contractor's Report of Sales as delineated in the paragraph herein entitled "Contractor's Report of Sales". The IFA reimburses the Commonwealth and defrays the costs for IT procurement and the administration of the subsequent awards. The IFA amount due must be paid by check with identification of "Contract number", "report amounts", and "report period", on either the check stub or other remittance material. VITA may at its discretion, agree to an electronic funds transfer, in lieu of a check, however in the absence of an express written agreement from VITA that validates agreement, then the payment shall be made by check as described herein made payable to the Controller, VITA.

If the full amount of the IFA is not paid within 30 calendar days after the end of the applicable reporting period, it shall constitute a Contract debt to the Commonwealth of Virginia, and the State may exercise all rights and remedies available under law. Failure to submit sales reports, falsification of sales reports, and or failure to pay the IFA in a timely manner may result in termination or cancellation of this Contract. Willful failure or refusal to furnish the required reports, falsification of sales reports, or failure to make timely payment of the IFA constitutes sufficient cause for terminating this Contract for default.

It is the intent of the Commonwealth to capture 2% of all sales, including temporary reduced pricing, fire sales, one time sales, trade ins, promotional items that have been marked down and all sales to the Commonwealth under this Agreement.

57. NONVISUAL ACCESS TO TECHNOLOGY:

All information technology which, pursuant to this Agreement, is purchased or upgraded by or for the use of any State agency or institution or political subdivision of the Commonwealth (the "Technology") shall comply with the following nonvisual access standards from the date of purchase or upgrade until the expiration of this Agreement:

(i) Effective, interactive control and use of the Technology shall be readily achievable by nonvisual means;

(ii) The Technology equipped for nonvisual access shall be compatible with information technology used by other individuals with whom any blind or visually impaired user of the Technology interacts;

(iii) Nonvisual access technology shall be integrated into any networks used to share communications among employees, program participants or the public; and

(iv) The technology for nonvisual access shall have the capability of providing equivalent access by nonvisual means to telecommunications or other interconnected network services used by persons who are not blind or visually impaired.

Compliance with the foregoing nonvisual access standards shall not be required if the head of the using agency, institution or political subdivision determines that (i) the Technology is not available with nonvisual access because the essential elements of the Technology are visual and (ii) nonvisual equivalence is not available.

Installation of hardware, software, or peripheral devices used for nonvisual access is not required when the Technology is being used exclusively by individuals who are not blind or visually impaired, but applications programs and underlying operating systems (including the format of the data) used for the manipulation and presentation of information shall permit the installation and effective use of nonvisual access software and peripheral devices.

If requested, the Contractor must provide a detailed explanation of how compliance with the foregoing nonvisual access standards is achieved and a validation of concept demonstration.

The requirements of this Paragraph shall be construed to achieve full compliance with the Information Technology Access Act, 2.2-3500 through 2.2-3504 of the Code of Virginia.

ATTACHMENT "A"
TO
IFB 3002-035

CERTIFICATION REGARDING LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief, that:

- a. No Federal appropriated funds have been paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal Contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal Contract, grant, loan, or cooperative agreement.
- b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal Contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- c. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and Contracts under grants, loans and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Signature: _____

Printed Name: _____

Organization: _____

Date: _____

Appendix A
Lot 1
Invitation to Bid
EMnet Satellite Hardware and Service

Item 1 11 - 1 - 2003
Mobile Satellite System

The System should consist of a mobile mount and antenna, receiver and transmitter modems, an antenna control unit and a gateway. System should be capable of automatically pointing to the required satellite. Should have GPS location, heading and altitude. System should be capable of manual operation. Typical Broadband speeds up linking 30 - 90 Kbps and down linking 400 - 900 Kbps.
 System to be similar to DataStorm Mobile High Speed Internet System or approved equal.

DataStorm Mobile Unit with Gateway 4020		
State Model:		
Model:	IG-2500 and IG-1500 SA	\$ 3,650.00 /each
Installation		\$ 1,000.00
Annual On-Site Maintenance		\$ 0.00
	TOTAL	\$ 4,650.00

Item 2 11 - 1 - 2003
Fixed Satellite System (Broadcast Station Package)

The broadcast station package consists of a 1 meter satellite receive antenna, LNB, cable, receiver, and computer on which the EMnet software is installed and running. Remote stations require either a direct connection to the Internet or a telephone dial-up connection via an Internet Service Provider.
 System to be similar to COMLAB EMnet/EAS Broadcast Station Equipment package or approved equal.

DirectWay DW4000 Fixed System		
State Model:		
Model:	IG-1000	\$ 599.00 /each
Installation		\$ 500.00
Annual On-Site Maintenance		\$ 0.00
	TOTAL	\$ 1,099.00

Item 3

11 - 1 - 2003

Fixed Satellite System (Receiver Package)

The receive only hardware package includes a satellite dish that measures between .75 to 1.0 meters, up to 300 feet of antenna cable, LNB, non-penetrating roof mount, and LAN compatible satellite receiver. A single LNB to receive data from the satellite. The outdoor equipment should be connected by one RG-6 coaxial cable to the satellite receiver.

System to be similar to COMLAB EMnet Satellite Equipment Package or approved equal.

State Model:		DirecWay DW4000 Fixed System	
Model:	IG-1000	\$	599.00 /each
Installation		\$	500.00
Annual On-Site Maintenance		\$	0.00
TOTAL		\$	1,099.00

Item 4

EMnet Satellite Service

EMnet is a satellite based warning and messaging system designed specifically to meet the needs of the Emergency Management community. EMnet uses components of the TCP/IP environment as well as satellite technology to deliver the message. Built in redundancies and such capabilities as Forward Error Correction and Missed Packet Collection make EMnet a superior messaging system. The service should be a flat rate with unlimited time, no per minute rates.

Typical Applications include:

- Attack Warning
- Earthquake Warning
- Hazmat coordination
- Weather warning
- Radiological warning
- Bioterrorism alerts

Satellite Service

Satellite Flat rate service per month	\$	109.00
Dynamical IP Address	\$	109.00
Static IP Address	\$	109.00
Any Setup Fees	\$	0.00

TOTAL \$ N/A

Options
Software
EAS Originate Software \$ N/A

Maintenance
Dell 4 year \$ N/A

Computer,
Pentium III at 500 MHz or more
128 Megs RAM
2 Ghz Hard Drive
Floppy Disk Drive
CD-Rom Drive
Windows XP
USB port \$ N/A

AWARD

Lot 1A

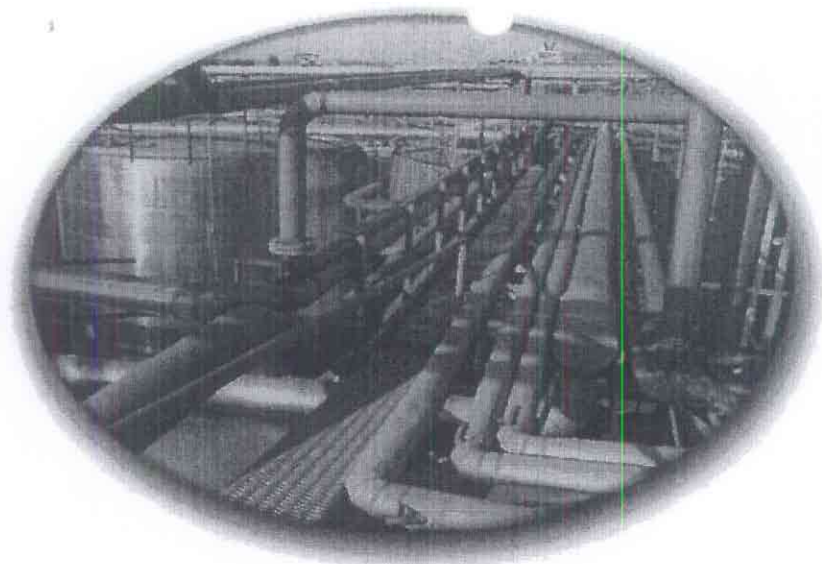
Item 1 (Mobile System), and Item 4 (Service) \$

Lot 1B

Item 2 (Fixed System) and Item 4 (Service) \$

Lot 1C

Item 3 (Fixed System) and Item 4 (Service) \$



2-WAY FIXED
SATELLITE SYSTEM

IG-1500 Networkable

Looking for Broadband? Connect at broadband speeds no matter where your equipment is located with a 2-way satellite system from Ground Control. The IG-1500 system allows you to connect via satellite to the Internet, no backhaul charges, no activation fees, no per minute fees.

2-Way Internet Satellite

The IG-1500 mounts on top of your building or other fixed structure. Connect your computer or IP routable equipment to the satellite modems and send and receive data anywhere on the planet at broadband speeds. Easy to use and highly flexible, the IG-1500 brings you high speed internet connectivity anywhere you need it.

Who is Ground Control?

Ground Control is a Hughes Direcway Business Class bandwidth provider. We specialize in finding solutions that are specific for your company's needs. Our networked trained sales staff is ready to make your move to Satellite networking a pleasure. Got questions, we're here to answer them 24-7.

What are the advantages of Satellite?

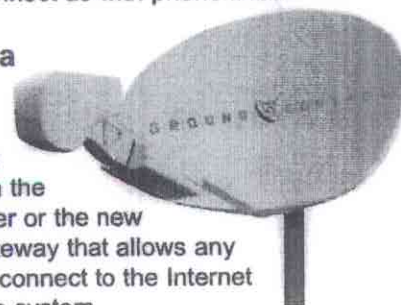
Broadband satellite is available anywhere and everywhere. It is much faster than dial-up modems... and does not require a costly per-minute phone line. With Broadband Satellite, there are no unexpected charges. Your monthly rate is fixed and will not change. Business Basic rates start at \$99 a month for Internet Anywhere, Anytime, All the time.

What Are the Possibilities?

Imagine having real-time access to your remote equipment at your central corporate office. Run monitoring applications that can spot potential problems right now, not the next time someone visits the remote site. Also, with a two-way satellite connection, your connection is always on, and there is never an idle disconnect as with phone lines.

Will it Support a network?

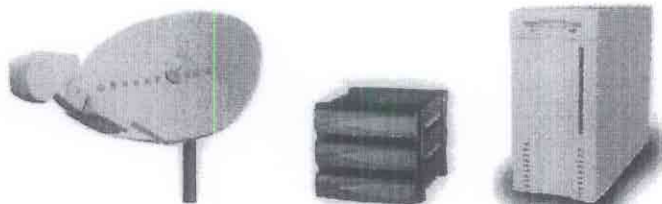
Yes! Any TCP-IP network. You have the choice between the Gateway NAP router or the new Direcway 4020 Gateway that allows any TCP-IP network to connect to the Internet through the satellite system.



Customer Support

The most important aspect of any service is the level of support they can provide. Ground Control was founded and continues to develop around one simple truth, unsurpassed customer service and support. We offer 24-hour a day, 7 day a week high level technical and customer support service.

GROUND  CONTROL



IG-1500

The IG-1500 is your entry into networking multiple computers or devices through a satellite configured gateway.

SPECIFICATIONS

The IG-1500 provides broadband access to one or multiple connected TCP-IP networked systems to the same satellite terminal.

EQUIPMENT -

DW4000 Satellite dish
Satellite Modems (IRU, ITU)
DW4020 Gateway or Ground Control
NAP Router w/4 port hub.
All systems are shipped precommissioned to allow easy installation at any location

Compatibility

Equipment

Can connect any client computer or TCP-IP routable devices to the internet.

Satellite & Antenna Specifications

Encapsulation: DVB
Frequency Range: Ku Band
Antenna: .74 M oval & 1.20 M
Transmit power: 1 Watt

Mechanical Specifications

Weight: 4.0 lbs.
Dimension (IRU+ITU+ 4020): 6.5"W x 7.75"H x 8.8"D
ITU/IRU Dimensions: 6.03" x 1.50"H x 9.0"D
Operating Temperature: -30°C - 55°C (outdoor equipment)
+5°C - +40°C (indoor equipment)
* Contact Ground Control for information on anvil case internet system with onboard heater. Mount in any kind of severe cold weather.

Power Supply

Universal Power Supply: 90 - 264 VAC; 47 - 63 Hz
Input Power (modems): IRU/ITU:
Input - 100-240V ~ 2A, 50-60Hz AC
Output - 19.5V DC @ 2.37A, 6.5V DC @ 1.3A

DW4020 FEATURES:

- Four autosensing switched Ethernet Ports
- Operating System (OS) independent
- Scalable
- Connect any TCP-IP network or device
- Stand-alone terminal
- Multiple Public Routable IP addresses (up to 5)

SPECIFICATIONS -

Data Protocol Support TCP/IP, UDP/IP, IP multicast

Satellite Speed Specifications

Download Data Rates: 400 to 1000 Kbps
Upload Data Rates: 56 - 128 - 256 Kbps

Physical Interfaces

Four switched Ethernet LAN RJ45 ports
(10BaseT/100BaseT)
USB 1.1 (NAP router to Satellite Modem)

GROUND CONTROL NAP FEATURES:

- Four autosensing switched Ethernet Ports
- Robust Firewall technology
- Port mapping
- Built in DHCP server
- Windows 2000Pro operating system
- Full recovery CD that allows factory recovery

SPECIFICATIONS -

Data Protocol Support TCP/IP, UDP/IP, IP multicast

Satellite Speed Specifications

Download Data Rates: 400 to 1000 Kbps
Upload Data Rates: 30 to 90 Kbps

Physical Interfaces

Four switched Ethernet LAN RJ45 ports
(10BaseT/100BaseT)
USB 1.1 (NAP router to Modem)





TRANSPORTABLE INTERNET
SATELLITE SYSTEM

Data  STORM

Every once in a while a new technology is introduced that pushes the boundaries of how business gets done. In June 2002, Direcway 2-way satellite systems received approval from the FCC to become mobile... The rules of broadband have now changed... Introducing the DataStorm, the mobile high-speed internet solution.

2-Way Mobile Internet Satellite

The DataStorm mounts on top of your company truck, RV or command trailer. Click a button and the dish automatically deploys and locks on to a selected satellite. Once locked on, you're online at broadband speeds. No phone lines, no cellular phones, no satellite phones. This is true 2-way satellite technology available for one low fixed monthly price.

Who Is Ground Control?

Ground Control is the industry leader and provider of mobile bandwidth via the Direcway platform. As a platinum level service provider, Ground Control has the expertise you demand with this new technology.

What Are The Possibilities?

Imagine rolling on-site and in six minutes you're on-line and connected to the Internet or your corporate server from ANYWHERE. Receive vital information from headquarters on critical images, or statistics that are just too impractical to do over the phone. Make telephone calls over your satellite when no cellular access is available or when you just want a backup.

Will It Support A Network?

Absolutely! With the Network Access Point from Ground Control, you may network in up to 50 computer systems. Create a mobile command center that supports a team of people. Consider going wireless and make your broad-band connection up to a quarter mile away from the vehicle. The DataStorm offers you connectivity anywhere, which is far more effective than cellular or satellite phone technology.



Where does it work?

Anywhere you can see the Southern sky. From Canada to Mexico and all the States in-between.

Customer Support

The most important aspect to any service is the level of support offered by your supplier. Ground Control was founded and continues to develop around one simple truth—providing unsurpassed customer service and support. When your business is mission critical, support is available 24 hours-a-day, 7 days-a-week.

GROUND  CONTROL



Mobile Broadband Internet

With the DataStorm, sending and receiving large amounts of data from the field can happen right now.

No phone lines...

No cell phones...

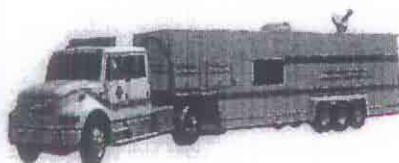
No satellite phones...

No problem.



Change any mobile vehicle into a mobile office.

The DataStorm deploys in 6 minutes, stows to 11" high and is fully automatic and quite easy to use.



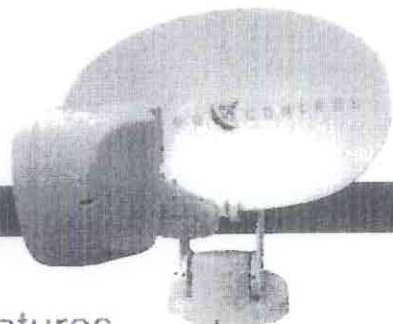
Unsurpassed Service

Technical Support is staffed with trained mobile experts who are always available 24/7.



DataSTORM

transportable internet satellite system



DataStorm Standard Features

FAST SPEEDS

The DataStorm achieves download speed of 400Mbps with burst at 1.7Mbps. This is faster than T1 Speeds! Download a 1 MegaByte file in about 10 seconds. Upload speeds are between 30 to 90Kbps. About twice to three times as fast as a 56K modem.

SAFETY FEATURES

If you forget to stow the dish and you begin to drive off, the DataStorm senses this and will stow the dish automatically. Also, if the vehicle rocks too much, such as from wind, the dish will sense this and stow automatically.

TECHNICAL SPECIFICATIONS

The DataStorm Stands 48" tall when deployed, 10.5 inches when stowed.

Reflector Type	.74 Effective Area Elliptical Offset
Mount Geometry	3 Axis Motor Drive (Elevation, Azimuth & Skew)
Polarization	Dish Rotation Cross-Pol Isolation 35 dB-30 dB Min
Deployment Sensors	GPS, Compass +/- 2 degrees & Tilt Sensor +/- 1Degree

MAXIMUM MOUNT ROTATION

Azimuth	370 Degrees
Elevation	140 Degrees
Polarization	+55 Degrees

SPEED

Deploying Elevation	1 degree per second
Deploying Azimuth	12 degrees per second
Peaking	1 degree per second
(Typical search time 4 to 7 minutes)	

RF INTERFACE

LNB for Satellite TV	2qty RG6 for dual TV receiver (optional)
Feed Horn LNB & Transmit Cable	2qty RG6 for Transmit and Receive
Transmit Power	3 Watts
Receive Frequency	Range 950-1450 mhz

MOTORS

Electrical Interface	12V DC 1.2 Amps max draw
	9 Conductor 22 AWG 20 ft. Cable

DIMENSIONS OF DISH

Mounting Plate	21 3/4" x 48"
Dish Stowing Extended Dimensions	56" long by 39.5 wide by 10.5 height
Deployed Height	48" max height
Weight	105 lbs

ENVIRONMENT

Wind Deployed	60 mph
Wind Stowed	140 mph
Temperature	Operational -20 F to 125 F

CONTROLLER

Dimensions	12"L x 8"W x 1"H
Controller Voltage	12V DC 1.2 Amp typical
Interface	Serial to Computer

MODEMS TX & RX

Dimensions	12"L x 7" x 3.3/4"H
Modem Voltage	120V AC
TX	RG6 & USB to Computer
RX	RG6

Call and speak to a Ground Control representative for details

GROUND CONTROL
corporate satellite solutions

www.groundcontrol.com
800.773.7168

Appendix A
Lot 1
Invitation to Bid
EMnet Satellite Hardware and Service

Item 1 11 - 1 - 2003
Mobile Satellite System

The System should consist of a mobile mount and antenna, receiver and transmitter modems, an antenna control unit and a gateway. System should be capable of automatically pointing to the required satellite. Should have GPS location, heading and altitude. System should be capable of manual operation. Typical Broadband speeds up linking 30 - 90 Kbps and down linking 400 - 900 Kbps.
 System to be similar to DataStorm Mobile High Speed Internet System or approved equal.

DataStorm Mobile Unit with Gateway 4020		
State Model:		
Model:	IG-2500 and IG-1500 SA	\$ 3,650.00 /each
Installation		\$ 1,000.00
Annual On-Site Maintenance		\$ 0.00
	TOTAL	\$ 4,650.00

Item 2 11 - 1 - 2003
Fixed Satellite System (Broadcast Station Package)

The broadcast station package to consists of a 1 meter satellite receive antenna, LNB, cable, receiver, and computer on which the EMnet software is installed and running. Remote stations require either a direct connection to the Internet or a telephone dial-up connection via an Internet Service Provider.
 System to be similar to COMLAB EMnet/EAS Broadcast Station Equipment package or approved equal.

DirectWay DW4000 Fixed System		
State Model:		
Model:	IG-1000	\$ 599.00 /each
Installation		\$ 500.00
Annual On-Site Maintenance		\$ 0.00
	TOTAL	\$ 1,099.00

Item 3

11 - 1 - 2003

Fixed Satellite System (Receiver Package)

The receive only hardware package includes a satellite dish that measures between .75 to 1.0 meters, up to 300 feet of antenna cable, LNB, non-penetrating roof mount, and LAN compatible satellite receiver. A single LNB to receive data from the satellite. The outdoor equipment should be connected by one RG-6 coaxial cable to the satellite receiver.

System to be similar to COMLAB EMnet Satellite Equipment Package or approved equal.

State Model:		DirecWay DW4000 Fixed System	
Model:	IG-1000	\$	599.00 /each
Installation		\$	500.00
Annual On-Site Maintenance		\$	0.00
TOTAL		\$	1,099.00

Item 4**EMnet Satellite Service**

EMnet is a satellite based warning and messaging system designed specifically to meet the needs of the Emergency Management community. EMnet uses components of the TCP/IP environment as well as satellite technology to deliver the message. Built in redundancies and such capabilities as Forward Error Correction and Missed Packet Collection make EMnet a superior messaging system. The service should be a flat rate with unlimited time, no per minute rates.

Typical Applications include:

- Attack Warning
- Earthquake Warning
- Hazmat coordination
- Weather warning
- Radiological warning
- Bioterrorism alerts

Satellite Service

	109.00
Satellite Flat rate service per month	\$
Dynamical IP Address	\$ 109.00
Static IP Address	\$ 109.00
Any Setup Fees	\$ 0.00

TOTAL \$ N/A

Options
Software
EAS Originate Software \$ N/A

Maintenance
Dell 4 year \$ N/A

Computer, \$ N/A
Pentium III at 500 MHz or more
128 Megs RAM
2 Ghz Hard Drive
Floppy Disk Drive
CD-Rom Drive
Windows XP
USB port

AWARD

Lot 1A

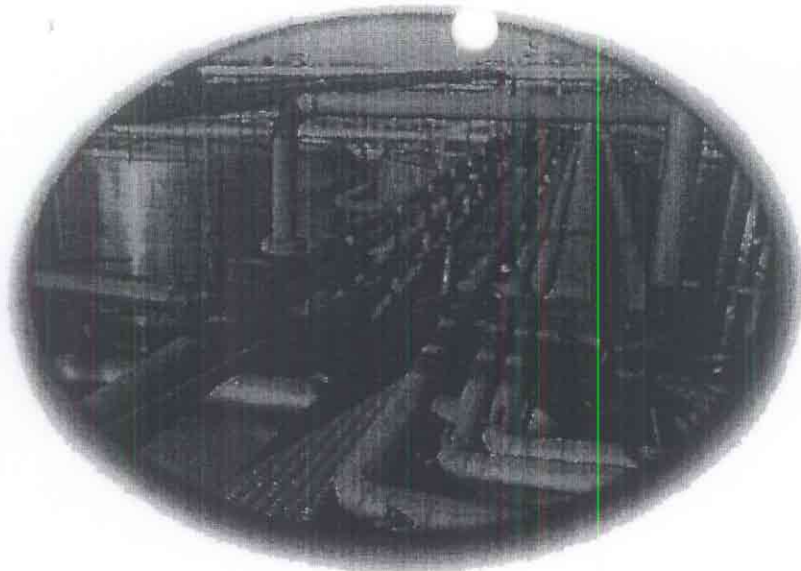
Item 1 (Mobile System), and Item 4 (Service) \$

Lot 1B

Item 2 (Fixed System) and Item 4 (Service) \$

Lot 1C

Item 3 (Fixed System) and Item 4 (Service) \$



2-WAY FIXED
SATELLITE SYSTEM

IG-1500

Networkable

Looking for Broadband? Connect at broadband speeds no matter where your equipment is located with a 2-way satellite system from Ground Control. The IG-1500 system allows you to connect via satellite to the Internet, no backhaul charges, no activation fees, no per minute fees.

2-Way Internet Satellite

The IG-1500 mounts on top of your building or other fixed structure. Connect your computer or IP routable equipment to the satellite modems and send and receive data anywhere on the planet at broadband speeds. Easy to use and highly flexible, the IG-1500 brings you high speed internet connectivity anywhere you need it.

Who is Ground Control?

Ground Control is a Hughes Direcway Business Class bandwidth provider. We specialize in finding solutions that are specific for your company's needs. Our networked trained sales staff is ready to make your move to Satellite networking a pleasure. Got questions, we're here to answer them 24-7.

What are the advantages of Satellite?

Broadband satellite is available anywhere and everywhere. It is much faster than dial-up modems... and does not require a costly per-minute phone line. With Broadband Satellite, there are no unexpected charges. Your monthly rate is fixed and will not change. Business Basic rates start at \$99 a month for Internet Anywhere, Anytime, All the time.

What Are the Possibilities?

Imagine having real-time access to your remote equipment at your central corporate office. Run monitoring applications that can spot potential problems right now, not the next time someone visits the remote site. Also, with a two-way satellite connection, your connection is always on, and there is never an idle disconnect as with phone lines.

Will it Support a network?

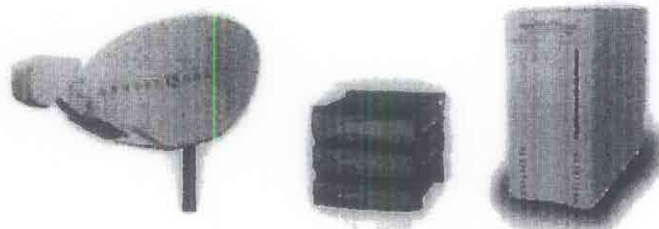
Yes! Any TCP-IP network. You have the choice between the Gateway NAP router or the new Direcway 4020 Gateway that allows any TCP-IP network to connect to the Internet through the satellite system.



Customer Support

The most important aspect of any service is the level of support they can provide. Ground Control was founded and continues to develop around one simple truth, unsurpassed customer service and support. We offer 24-hour a day, 7 day a week high level technical and customer support service.

GROUND  CONTROL



IG-1500

The IG-1500 is your entry into networking multiple computers or devices through a satellite configured gateway.

SPECIFICATIONS

The IG-1500 provides broadband access to one or multiple connected TCP-IP networked systems to the same satellite terminal.

EQUIPMENT -

DW4000 Satellite dish
Satellite Modems (IRU, ITU)
DW4020 Gateway or Ground Control
NAP Router w/4 port hub.
All systems are shipped precommissioned
to allow easy installation at any location

Competibility

Equipment

Can connect any client computer or TCP-
IP routable devices to the internet.

Satellite & Antenna Specifications

Encapsulation: DVB
Frequency Range: Ku Band
Antenna: .74 M oval & 1.20 M
Transmit power: 1 Watt

Mechanical Specifications

Weight: 4.0 lbs.
Dimension (IRU+ITU+ 4020): 6.5"W x 7.75"H x 8.8"D
ITU/IRU Dimensions: 6.03" x 1.50"H x 9.0"D
Operating Temperature: -30°C - 55°C (outdoor equipment)
+5°C - +40°C (Indoor equipment)
* Contact Ground Control for information
on anvil case internet system with onboard
heater. Mount in any kind of severe cold
weather.

Power Supply

Universal Power Supply: 90 - 264 VAC; 47 - 63 Hz
Input Power (modems): IRU/ITU:
Input - 100-240V - 2A, 50-60Hz AC
Output - 19.5V DC @ 2.37A, 6.5V DC @
1.3A

DW4020 FEATURES:

- Four autosensing switched Ethernet Ports
- Operating System (OS) independent
- Scalable
- Connect any TCP-IP network or device
- Stand-alone terminal
- Multiple Public Routable IP addresses (up to 5)

SPECIFICATIONS -

Data Protocol Support TCP/IP, UDP/IP, IP multicast

Satellite Speed Specifications

Download Data Rates: 400 to 1000 Kbps
Upload Data Rates: 56 - 128 - 256 Kbps

Physical Interfaces

Four switched Ethernet LAN RJ45 ports
(10BaseT/100BaseT)
USB 1.1 (NAP router to Satellite
Modem)

GROUND CONTROL NAP FEATURES:

- Four autosensing switched Ethernet Ports
- Robust Firewall technology
- Port mapping
- Built in DHCP server
- Windows 2000Pro operating system
- Full recovery CD that allows factory recovery

SPECIFICATIONS -

Data Protocol Support TCP/IP, UDP/IP, IP multicast

Satellite Speed Specifications

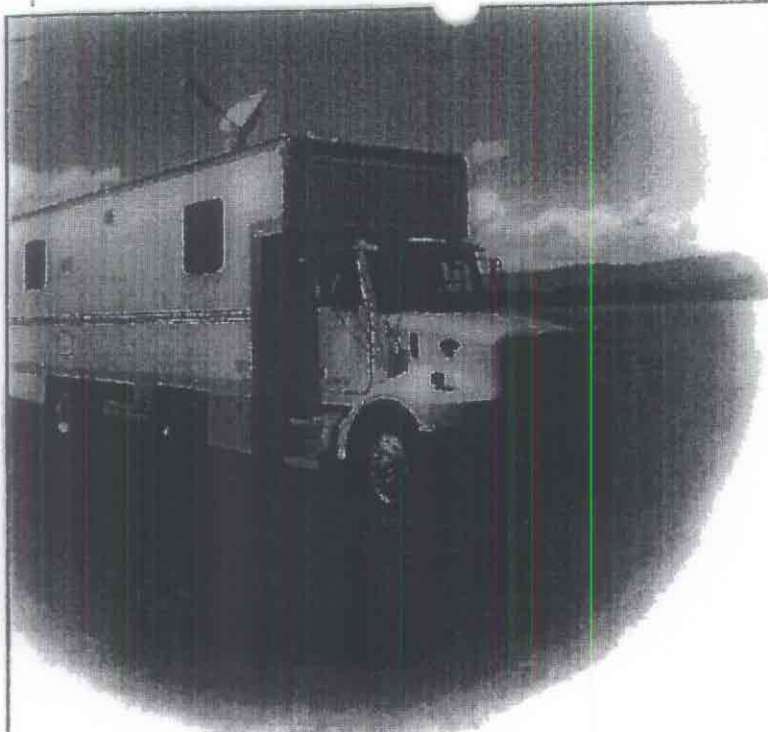
Download Data Rates: 400 to 1000 Kbps
Upload Data Rates: 30 to 90 Kbps

Physical Interfaces

Four switched Ethernet LAN RJ45 ports
(10BaseT/100BaseT)
USB 1.1 (NAP router to Modem)



TRANSPORTABLE INTERNET
SATELLITE SYSTEM



Data  STORM

Every once in a while a new technology is introduced that pushes the boundaries of how business gets done. In June 2002, Direcway 2-way satellite systems received approval from the FCC to become mobile... The rules of broadband have now changed... Introducing the DataStorm, the mobile high-speed internet solution.

2-Way Mobile Internet Satellite

The DataStorm mounts on top of your company truck, RV or command trailer. Click a button and the dish automatically deploys and locks on to a selected satellite. Once locked on, you're online at broadband speeds. No phone lines, no cellular phones, no satellite phones. This is true 2-way satellite technology available for one low fixed monthly price.

Who Is Ground Control?

Ground Control is the industry leader and provider of mobile bandwidth via the Direcway platform. As a platinum level service provider, Ground Control has the expertise you demand with this new technology.

What Are The Possibilities?

Imagine rolling on-site and in six minutes you're on-line and connected to the Internet or your corporate server from ANYWHERE. Receive vital information from headquarters on critical images, or statistics that are just too impractical to do over the phone. Make telephone calls over your satellite when no cellular access is available or when you just want a backup.

Will It Support A Network?

Absolutely! With the Network Access Point from Ground Control, you may network in up to 50 computer systems. Create a mobile command center that supports a team of people. Consider going wireless and make your broad-band connection up to a quarter mile away from the vehicle. The DataStorm offers you connectivity anywhere, which is far more effective than cellular or satellite phone technology.



Where does it work?

Anywhere you can see the Southern sky. From Canada to Mexico and all the States in-between.

Customer Support

The most important aspect to any service is the level of support offered by your supplier. Ground Control was founded and continues to develop around one simple truth—providing unsurpassed customer service and support. When your business is mission critical, support is available 24 hours-a-day, 7 days-a-week.

GROUND  CONTROL



Mobile Broadband Internet

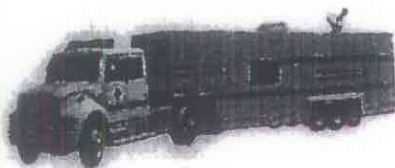
With the DataStorm, sending and receiving large amounts of data from the field can happen right now.

No phone lines...
No cell phones...
No satellite phones...
No problem.



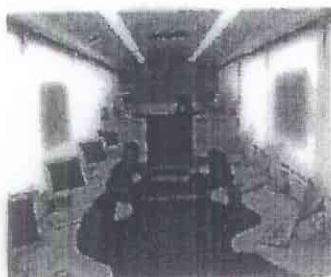
Change any mobile vehicle into a mobile office.

The DataStorm deploys in 6 minutes, stows to 11" high and is fully automatic and quite easy to use.



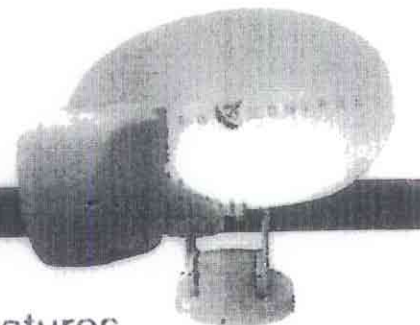
Unsurpassed Service

Technical Support is staffed with trained mobile experts who are always available 24/7.



DataSTORM

transportable internet satellite system



DataStorm Standard Features

FAST SPEEDS

The DataStorm achieves download speed of 400Mbps with burst at 1.7Mbps. This is faster than T1 Speeds! Download a 1 MegaByte file in about 10 seconds. Upload speeds are between 30 to 90Kbps. About twice to three times as fast as a 56K modem.

SAFETY FEATURES

If you forget to stow the dish and you begin to drive off, the DataStorm senses this and will stow the dish automatically. Also, if the vehicle rocks too much, such as from wind, the dish will sense this and stow automatically.

TECHNICAL SPECIFICATIONS

The DataStorm Stands 48" tall when deployed, 10.5 inches when stowed

Reflector Type	74 Effective Area Elliptical Offset
Mount Geometry	3 Axis Motor Drive (Elevation, Azimuth & Skew)
Polarization	Dish Rotation Cross-Pol Isolation 35 dB-30 dB Min
Deployment Sensors	GPS, Compass +/- 2 degrees & Tilt Sensor +/- 1Degree

MAXIMUM MOUNT ROTATION

Azimuth	370 Degrees
Elevation	140 Degrees
Polarization	+/-55 Degrees

SPEED

Deploying Elevation	1 degree per second
Deploying Azimuth	12 degrees per second
Peeking	1 degree per second
(Typical search time 4 to 7 minutes)	

RF INTERFACE

LNB for Satellite TV	2qty RG6 for dual TV receiver (optional)
Feed Horn LNB & Transmit Cable	2qty RG6 for Transmit and Receive
Transmit Power	3 Watts
Receive Frequency	Range 950-1450 mhz

MOTORS

Electrical Interface	12V DC 1.2 Amps max draw 9 Conductor 22 AWG 20 ft. Cable
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DIMENSIONS OF DISH

Mounting Plate	21 3/4" x 48"
Dish Stowing Extended Dimensions	56" long by 39.5 wide by 10.5 height
Deployed Height	48" max height
Weight	105 lbs

ENVIRONMENT

Wind Deployed	60 mph
Wind Stowed	140 mph
Temperature	Operational +20 F to 125 F

CONTROLLER

Dimensions	12"L x 8"W x 1"H
Controller Voltage	12V DC 1.2 Amp typical
Interface	Serial to Computer

MODEMS TX & RX

Dimensions	12"L x 7" x 3.34"H
Modem Voltage	120V AC
TX	RG6 & USB to Computer
RX	RG6

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